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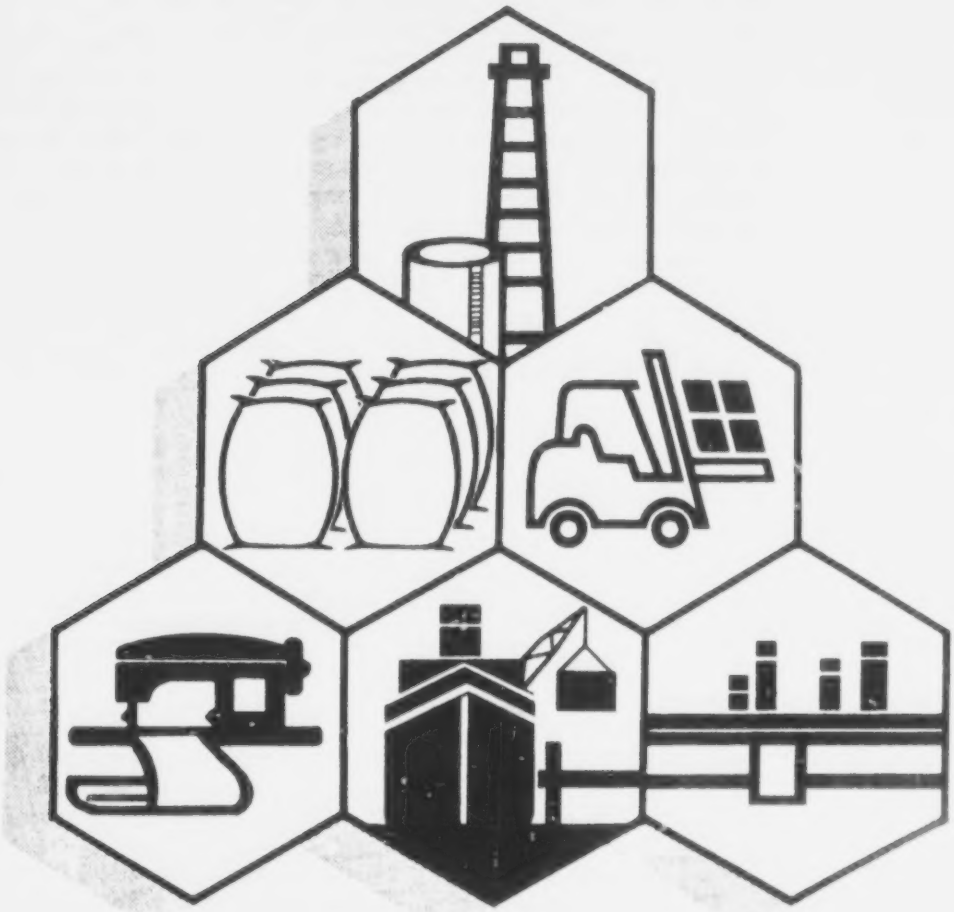
BW–13–88S
Current Business Report

Revised Monthly Wholesale Trade

Sales and Inventories December 1980 Through December 1988

U.S. Department of Commerce

Bureau of the Census



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Robert A. Mosbacher,
Secretary
Robert Ortner,
Under Secretary for Economic Affairs

BUREAU OF THE CENSUS
C.L. Kincannon,
Deputy Director

Issued April 1989

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Revised Monthly Wholesale Trade

SUMMARY OF CHANGES

This publication presents the results of a process that revised monthly wholesale sales and inventory estimates for the United States. Unadjusted and adjusted sales estimates for most three-digit SIC's were revised for the period January 1986 through December 1988. However, for SIC's 503 and 512; the monthly unadjusted and adjusted sales estimates were revised back to January 1983 to reflect revisions to the 1983 through 1985 annual sales estimates derived from the Annual Trade Surveys. Unadjusted and adjusted inventory estimates for most three-digit SIC's were revised for the period January 1987 through December 1988. However, for SIC's 503 and 512; the monthly unadjusted and adjusted inventory estimates were revised back to January 1983 to reflect revisions to the 1983 through 1985 end-of-year inventory estimates derived from the Annual Trade Surveys. New factors used to adjust sales for seasonal and trading-day variations were developed for the period January 1983 (or January 1986) through December 1988. Seasonal factors used to adjust inventories for seasonal variations were developed for the period January 1983 (or January 1987) through December 1988.

The revision procedures for sales and inventory estimates were applied to specific detailed sales and inventory series. All other sales and inventory series estimates were obtained by summing appropriate detail-level estimates, thereby assuring additivity.

Sales

The revision process for monthly merchant wholesale sales for the period January 1983 (or January 1986) through December 1988 is summarized below.

Annual estimates of sales for 1986 and 1987 were derived from the 1986 and 1987 Annual Trade Surveys. Because revisions were made to the 1985 annual sales estimates for SIC's 503 and 512 that were derived from the Annual Trade Survey, the annual sales estimates for 1983 and 1984 for these SIC's were also revised so as to be consistent with the results derived from the 1982 Census of Wholesale Trade and the new 1985 estimates.

The final monthly composite estimates were revised to constrain the sum of the 12 monthly estimates to equal the annual estimates derived from the Annual Trade Survey for the years 1983 (or 1986) through 1987. The revision minimized changes to month-to-month trends of the input series that consist of composite estimates. Also, the revised estimates were linked to the previously published December 1982 (or December 1985) estimates.

A direct mathematical result of the revision methodology is that all composite estimates following the end of the last constraint are revised by multiplying these estimates by the ratio of the revised-to-input data values for the last month of the last constraint. Therefore, for specified sales series, a ratio of December 1987 revised to December 1987 input was computed. The input data, or composite estimates, for specified sales series subsequent to December 1987 were multiplied by these constant ratios (called carry-forward factors) to derive revised sales estimates for the months of 1988. The carry-forward factors remain constant until the next benchmarking.

Inventories

End-of-year 1987 inventory estimates on a non-LIFO (non-last in, first out) basis were derived from the 1987 Annual Trade Survey. Because revisions were made to the 1985 end-of-year inventory estimates for SIC's 503 and 512 that were derived from the Annual Trade Survey, the end-of-year inventory estimates for 1983 and 1984 for these SIC's were also revised so as to be consistent with the results derived from the 1982 Census of Wholesale Trade and the new 1985 estimates. Monthly estimates for the period January 1983 (or January 1987) through December 1987 were revised to equate the December inventory to the end-of-year inventory estimates derived from the Annual Trade Survey for the years 1983 through 1987 (or 1987) and to minimize changes to month-to-month trends of the input series. Estimates were also linked to the previously published December 1982 (or 1986) estimates. Estimates subsequent to December 1987 were derived by multiplying the input estimates by the ratio of the December 1987 revised to the December 1987 input, or composite, inventory estimates.

UNPUBLISHED DATA

Sales and inventory estimates for unpublished four-digit wholesale trade categories are not included in this publication because their sampling variability is so high, relative to the changes from month-to-month or between other

periods, as to make them potentially misleading. The Census Bureau, for a nominal fee on written request, will release these data for individual use, though not for publication.

SAMPLE DESIGN AND ESTIMATION PROCEDURES

The sample was originally drawn from all merchant wholesalers in the Census Bureau's Standard Statistical Establishment List (SSEL) as updated to December 31, 1984. The SSEL consisted of two lists. One list was composed of all employer identification (EI) numbers issued by the Internal Revenue Service (IRS) with reported payroll in at least one quarter of 1984. The second list consisted of all establishments of known multiestablishment companies as of December 31, 1984. These lists contained information on sales/receipts, payroll, employment, name and address, kind-of-business classification, etc.

Before the sampling frame was available, a study was made using files from the 1982 Census of Wholesale Trade. This study determined the stratification of the sampling units based on 1982 sales, inventories, and kind of business. The study also determined the optimal allocation of the sample necessary to meet specified sampling variability objectives for sales and inventory estimates for different kind-of-business groups. The primary stratum boundary was the certainty cutoff to be used for each kind of business. The cutoff was particularly important since it also determined the type of sampling unit.

The sampling units consist of both companies and EI's. If a known company had total merchant wholesale sales or inventories (on a 1982 basis) above the corresponding cutoff for its major kind of business, the company was selected for the sample with certainty. The company, which might consist of many EI's, was then the sampling unit; therefore, any new establishments that the company might acquire, even if under new or different EI's, were in the sample with certainty. Single establishment companies, whether or not selected with certainty, were considered as EI sampling units.

All merchant wholesale companies not selected with certainty were treated on an EI basis; that is, the EI was the sampling unit. To be eligible for the initial sampling, an EI had to be active, i.e., had payroll in 1984 and was on the latest available IRS mailing list for Federal Insurance Contributions Act (FICA) taxpayers. The EI's were then stratified according to their major kinds of business and their estimated sales (on a 1982 basis). Within each stratum, a simple random sample of EI's was selected. The sampling rates for these EI's varied between 1 in 3 and 1 in 825.

For all EI "births" after the initial selection, a two-phase selection procedure is used. EI births are new EI's recently assigned by the IRS, on the latest available IRS mailing list for FICA taxpayers, and assigned a kind-of-business classification (if possible) by the Social Security Administration (SSA). In the first phase, births are stratified by kind of business and size (expected employment or quarterly payroll). A relatively large sample is drawn and canvassed in order to obtain a more reliable measure of size (sales in 2 recent months) and a more detailed kind-of-business code, if needed.

Using this more reliable information, the selected births in phase 1 are subjected to probability proportional to size sampling with overall probabilities equivalent to those used in drawing the initial sample from the 1984 SSEL. Because of the lag in reporting births to the IRS, the industry coding by the SSA, and the time needed to accomplish the two-phase birth-selection procedure, births are actually added to the sample on the average of 12 to 18 months after they begin operation. The ongoing birth-selection procedure is carried out quarterly.

Since births are not represented in the sample until they go through the selection procedure described above, an interim procedure is required to account for births during the period between the onset of activity and the time of birth selection. This consists of imputing data for all selected cases that go out of business but are still on the IRS mailing list.

To be eligible for the sample canvass and tabulation in a given month, a noncertainty merchant wholesale business must meet both of the following requirements:

a. It must be on the latest available IRS mailing list for FICA taxpayers from the previous quarter.

b. It must have been selected from either the SSEL or the file of employer births.

The first requirement is changed for businesses that were selected into the sample with certainty. These sampling units are not dropped from canvass and tabulation if they are no longer on the IRS mailing list. Rather, these businesses are contacted, and if there are successor businesses, they are added to the survey. This is a tighter form of quality control used for these larger businesses.

Rotating samples or panels are used except for very large businesses that are selected with certainty. For sampling units in the rotating panels, 2 months of data are obtained at each enumeration. For example, February rotating panel cases report data for February (the current month) and January (the previous month). In the following month, a different rotating panel (the March panel) reports figures for March and February. Three sample panels are used. This permits the use of a composite estimation procedure that provides estimates more reliable than those that would be obtained from a fixed sample of about twice the size. In addition, this procedure reduces the reporting burden of selected businesses.

The first estimate issued each month is called the preliminary estimate. The preliminary composite estimate at each three-digit SIC level for the current month is a

weighted average of two estimates: (1) the current month unbiased estimate (weight 0.35) and (2) an estimate (weight 0.65) obtained by multiplying the difference between the preliminary composite estimate for the previous month and the unbiased estimate for the previous month from the current month panel by the current-to-previous-month ratio obtained from the current month reports.

A final estimate is developed 1 month later using information available from the following month's enumeration. The final composite estimate is also a weighted average of two estimates: (1) the preliminary composite estimate for the given month (weight 0.7) and (2) the unbiased estimate (weight 0.3) for the given month from the following month's enumeration. Preliminary and final estimates are obtained at the three and four-digit SIC level and aggregates are obtained by addition.

The preliminary composite estimates provide a measure of the dollar volume level that is considerably more reliable than the unbiased estimates, and the final composite estimates are generally more reliable than the preliminary composite estimates. The month-to-month trend considered to be most reliable is the ratio of the current month's preliminary composite estimate divided by the previous month's final composite estimate. This is true because the numerator and denominator of this ratio are more highly correlated than would be the case if the numerator and denominator were two preliminary or two final estimates. The preliminary-final ratio, therefore, has less sampling variability than a ratio of two preliminary or two final estimates.

Another advantage of the use of the rotating panel system is that the frequency of canvass of very large noncertainty cases can be increased with a consequent reduction, in an unbiased manner, of their statistical weight. This increases the reliability of the estimates, particularly the measure of month-to-month change.

RELIABILITY OF DATA

Estimates based on a sample survey will differ from the value derived from the population because of sampling variability and nonsampling error. Sampling variability occurs because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the reporting, collecting, and processing of data. The accuracy of a survey result is determined by the joint effects of sampling variability and nonsampling errors.

Measures of Sampling Variability. The particular sample used in this survey is one of a large number of all possible samples of the same size that could have been selected using the same design. Estimates derived from the different samples would differ from each other. The average of these estimates would be close to the estimate derived from a complete enumeration of the population (assuming that a complete enumeration has the same nonsampling errors as the sample survey). The average of the estimates differs from the estimates from a complete census because of the composite estimation technique. Disregarding this difference, the standard error of the estimate is a measure of the variability among the estimates from all possible samples of the same size and design and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration. The coefficient of variation (expressed as a percent) is the standard error of the estimate times 100, divided by the value being estimated. Note that the coefficients of variation are estimates derived from the sample and are also subject to sampling variability.

Estimates of the coefficients of variation in percent for sales and inventories at the level of detail provided in this publication are shown in table 3. These coefficients of variation permit certain confidence statements about the sample estimates. As noted above, the particular sample used in this survey is one of a large number of all possible samples of about the same size that could have been selected using the same design.

In about 2 out of 3 (67 percent) of these samples, the estimate would differ from a complete enumeration by less than the corresponding percent for that estimate shown in the sampling variability table. In about 19 out of 20 (95 percent) of these samples, the estimate would differ from the result of a complete enumeration by less than twice the percentages shown.

To illustrate the computations involved in the above confidence statements for monthly dollar volume estimates, assume that an estimate for durable goods published in table 1 for a particular month is $50,000 million and that the median coefficient of variation for this statistic is 0.9 percent or 0.009. Multiplying $50,000 million by 0.009 yields $450 million. Therefore, a 67-percent confidence interval is $49,550 million to $50,450 million (i.e., $50,000 million plus or minus $450 million). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly a 95-percent confidence interval is $49,100 million to $50,900 million (i.e., $50,000 million plus or minus $900 million).

Nonsampling Errors. As calculated for this report, the coefficient of variation measures certain nonsampling errors but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples of the same size and design, between the estimate and the true value being estimated.

Nonsampling errors can be attributed to many sources: (1) inability to obtain information about all cases in the sample, (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other

errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses.

Although no direct measurement of the biases due to nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of bias in the published estimates is due to imputing data for nonrespondents, for late reporters, and for data which fail edit. For all kinds of business combined, imputed data amount to about 22 percent of the total wholesale sales estimates and 26 percent of the total wholesale inventory estimates.

ADJUSTMENT FOR SEASONAL AND TRADING-DAY VARIATION

We now use the X-11 ARIMA seasonal adjustment program from Statistics Canada to derive seasonal factors for adjusting data. The program derives seasonal factors by using the method described in the *X-11 Variant of the Census Method II Seasonal Adjustment Program,* U.S. Bureau of the Census Technical Paper No. 15, Revised 1967. We do not use any forecasting options from the X-11 ARIMA program. This program has more accurate computations and diagnostics than the previously used program. Trading-day factors for adjusting sales estimates were also derived from the X-11 program. Seasonal adjustment of estimates is an approximation based on current and past experiences.

Therefore, the adjustments could become less precise if current competitive pressures, changes in economic conditions, and other elements introduce significant changes in seasonal and trading-day patterns. A description of the trading-day adjustment procedure may be found in *Estimating Trading-Day Variation in Monthly Economic Time Series*, Bureau of the Census Technical Paper No. 12, 1965. Additional details concerning the seasonal adjustment procedure may be obtained from the Chief, Business Division, Bureau of the Census, Washington, D.C. 20233.

Concurrent seasonal adjustment uses all available unadjusted estimates (including the latest preliminary estimates) as input to the X-11 program. When unadjusted preliminary and final estimates become available, all estimates will be used as input to the X-11 program and new factors will be applied to the preliminary and final (one month before the preliminary) estimates and to the previous year estimates that correspond to the preliminary month.

SCOPE OF SURVEY

Wholesale trade, as defined in Major Groups 50 and 51 of the 1972 edition of the *Standard Industrial Classification Manual*[1] and the 1977 Supplement and as covered in the 1982 Economic Censuses, includes establishments or places of business primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

The principal types of establishments included are:

a. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, exporters, importers, cash-and-carry wholesalers, drop shippers, major distributors, retailer cooperative warehouses, terminal elevators, and cooperative buying associations.

b. Sales branches and sales offices (but not retail stores) maintained by domestic manufacturing or mining enterprises apart from their plants or mines for the purpose of marketing their products.

c. Agents, merchandise or commodity brokers, and commission merchants.

This survey is limited to merchant wholesalers (described in type a above) who constitute the major portion of the broad field of wholesale trade. All kinds of business in which merchant wholesalers operate are represented in this survey. Also included in this survey are sales and inventories of central administrative offices and auxiliaries of merchant wholesale establishments and manufacturers' sales branches of ferrous metals service centers with inventories, as part of Standard Industrial Classification (SIC) 505.

Kind-of-Business Classifications

The durable goods group includes establishments primarily engaged in the distribution of goods classified in SIC Major Group 50. This group includes all establishments classified in the following categories:

SIC	Kind of Business
501	Motor Vehicles and Automotive Parts and Supplies
502	Furniture and Home Furnishings
503	Lumber and Other Construction Materials
504	Sporting, Recreational, Photographic, and Hobby Goods, Toys and Supplies

[1]Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement.

SIC	Kind of Business
505	Metals and Minerals, except Petroleum
506	Electrical Goods
507	Hardware, Plumbing and Heating Equipment and Supplies
508	Machinery, Equipment, and Supplies
509	Miscellaneous Durable Goods

The nondurable goods group includes establishments primarily engaged in the distribution of goods classified in SIC Major Group 51. This group includes all establishments classified in the following categories:

SIC	Kind of Business
511	Paper and Paper Products
512	Drugs, Drug Proprietaries, and Druggists' Sundries
513	Apparel, Piece Goods, and Notions
514	Groceries and Related Products
515	Farm-Product Raw Materials
516	Chemicals and Allied Products
517	Petroleum and Petroleum Products
518	Beer, Wine, and Distilled Alcoholic Beverages
519	Miscellaneous Nondurable Goods

DEFINITION OF SALES, INVENTORIES, AND STOCK/SALES RATIOS

Sales. Sales include merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in merchant wholesale trade; receipts from customers for rental or leasing of equipment, instruments, tools, etc.; receipts for delivery, installation, alteration, maintenance, repair, storage, and other services; and gasoline, liquor, tobacco and other excise taxes which are paid by the manufacturer and passed along to the wholesaler. Sales are net after deductions for refunds and allowances for merchandise returned by customers. Sales which are made on an agency basis for others are included as gross sales. Direct shipments on orders from wholesalers are also included in sales. Total sales do not include nonoperating income from such sources as investments, rental or sale of real estate, etc.

Sales exclude sales and excise taxes collected directly from customers and paid directly to a local, State, or Federal tax agency. Also excluded are receipts from customers for carrying or other credit charges.

Inventories. Inventories represent stocks on a non-LIFO basis of merchandise owned by merchant wholesalers at the end of the month regardless of location except for goods held outside the United States. Goods held on consignment and items not held for sale such as fixtures, equipment, and supplies are not included. Goods held in foreign trade zones in the United States are also included. Methods of valuation may vary according to the accounting practices of the firm.

Stock/Sales Ratios. The stock/sales ratios are derived by dividing the dollar value of inventories by the dollar value of sales. No adjustment is made in these ratios for the markup in sales which may vary from trade to trade.

CLASSIFICATION DIFFERENCES BETWEEN MONTHLY ESTIMATES AND 1977 AND 1982 CENSUSES OF WHOLESALE TRADE

For SIC 505, the monthly survey included merchant wholesalers as well as sales branches of ferrous metals service centers with inventories. Therefore, the 1977 and 1982 census sales estimates used in the revisions included the receipts of merchant wholesalers and sales branches of ferrous metals service centers with inventories.

Establishments classified in the Farm-Product Raw Materials group (SIC 515) are included in sales products purchased and transferred to other company establishments. In the monthly survey, intercompany transfers are not included in sales. Because of the differences, the 1977 and 1982 sales for the SIC were obtained from the 1977 and 1982 Annual Trade Surveys instead of from the 1977 and 1982 Censuses of Wholesale Trade.

Inventories were not benchmarked to the census levels since the census of wholesale trade does not include inventories of auxiliary and central administrative offices of merchant wholesale establishments which are included in the monthly survey. The inventory estimates for the years 1977 and 1982 were computed by multiplying the stock/sales ratios obtained from the annual surveys by the census sales for these years.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1988 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	125,526	127,518	128,655	128,701	128,790	132,317	133,833	134,726	135,332	138,087	137,239	136,170
50	Durable goods	60,902	62,330	63,184	64,069	64,101	64,715	65,559	65,501	66,295	67,581	68,543	68,427
501	Motor vehicles & auto. equip.	12,605	13,467	13,163	14,188	13,630	13,534	13,663	13,349	13,548	14,037	14,288	14,031
502	Furniture & home furnishings	2,304	2,349	2,291	2,249	2,215	2,241	2,245	2,298	2,310	2,403	2,516	2,503
503	Lumber & other construction mat.	4,189	4,616	4,761	4,795	4,645	4,645	4,636	4,592	4,579	4,693	4,564	4,733
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,839	1,871	1,869	1,881	1,921	1,991	2,018	2,095	2,106	2,147	2,236	2,367
505	Metals & minerals, ex. petroleum	5,332	5,246	5,630	5,705	5,494	5,705	5,760	5,826	6,018	5,970	6,221	6,006
506	Electrical goods	7,968	8,113	8,459	8,628	8,648	8,706	8,507	8,736	8,679	8,974	9,286	9,068
507	Hardware, plumbing & heating equipment	3,802	3,493	3,852	3,817	3,828	4,008	4,249	4,040	3,878	4,025	3,930	3,974
508	Machinery, equip. & supplies	16,210	16,230	16,415	16,473	16,810	17,120	17,448	17,912	18,515	18,027	18,596	18,525
509	Miscellaneous durable goods	6,653	6,945	6,744	6,333	6,860	6,765	7,033	6,651	6,662	6,705	6,904	7,220
51	Nondurable goods	64,624	65,188	65,471	64,632	64,689	67,602	68,274	69,225	69,037	70,506	68,696	67,743
511	Paper & paper products	4,093	4,093	4,189	4,092	4,162	4,291	4,415	4,378	4,520	4,520	4,452	4,395
512	Drugs, drug proprietaries and druggists' sundries	2,800	2,895	2,902	2,881	2,950	3,035	3,095	3,180	3,179	3,165	3,118	3,255
513	Apparel, piece goods & notions	4,028	3,890	3,898	3,915	4,076	4,280	4,268	4,205	4,428	4,259	4,508	4,538
514	Groceries & related products	18,487	18,347	17,978	17,462	18,227	18,384	18,447	18,785	18,663	19,409	19,515	19,762
515	Farm-product raw materials	9,594	9,463	9,651	10,028	9,916	10,769	11,067	11,412	11,616	12,654	10,778	9,517
516	Chemicals & allied products	2,442	2,685	2,785	2,962	3,007	3,073	3,102	2,987	2,928	2,860	2,985	2,920
517	Petroleum & petroleum products	10,013	10,766	11,132	10,185	10,742	11,045	11,213	11,218	10,395	10,267	9,998	10,096
518	Beer, wine, & distilled beverages	3,668	3,704	3,670	3,556	3,527	3,651	3,555	3,612	3,697	3,673	3,730	3,637
519	Misc. nondurable goods	9,499	9,345	9,266	9,251	8,082	9,074	9,112	9,448	9,611	9,699	9,612	9,629
	Inventories, Total	164,697	167,011	168,071	169,965	170,346	172,179	174,581	176,368	176,972	177,408	177,060	178,315
50	Durable goods	108,433	109,811	110,734	111,896	111,162	110,574	112,702	113,727	114,875	115,225	114,975	115,741
501	Motor vehicles & auto. equip.	20,697	21,364	21,363	20,962	20,972	20,206	20,885	21,047	21,526	21,378	21,353	21,407
502	Furniture & home furnishings	3,945	3,999	4,067	4,276	4,136	4,229	4,205	4,188	4,201	4,208	4,107	4,023
503	Lumber & other construction mat.	5,852	5,671	5,665	5,708	5,568	5,441	5,543	5,441	5,501	5,587	5,377	5,497
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,200	4,140	4,233	4,272	4,301	4,303	4,263	4,175	4,332	4,306	4,322	4,467
505	Metals & minerals, ex. petroleum	7,600	7,773	8,096	8,527	8,431	8,648	8,870	8,867	8,969	9,128	9,169	8,980
506	Electrical goods	13,912	14,004	14,054	14,142	14,137	14,160	14,106	14,336	14,136	14,488	14,480	14,758
507	Hardware, plumbing & heating equipment	7,118	7,011	7,010	7,050	7,052	7,096	7,304	7,379	7,414	7,456	7,275	7,264
508	Machinery, equip. & supplies	37,620	38,319	38,356	39,128	39,129	38,941	39,851	40,369	41,175	41,111	41,245	41,339
509	Miscellaneous durable goods	7,489	7,530	7,890	7,831	7,436	7,550	7,675	7,925	7,621	7,563	7,647	7,867
51	Nondurable goods	56,264	57,200	57,337	58,069	59,184	61,605	61,879	62,641	62,097	62,183	62,085	62,570
511	Paper & paper products	3,826	3,809	3,936	3,954	3,912	4,032	4,194	4,108	4,246	4,297	4,231	4,311
512	Drugs, drug proprietaries and druggists' sundries	4,678	4,637	4,627	4,889	4,843	4,940	5,069	5,129	4,997	4,870	4,917	5,221
513	Apparel, piece goods & notions	7,501	7,513	7,523	7,472	7,761	7,905	7,490	7,456	7,408	7,639	7,870	7,846
514	Groceries & related products	12,383	12,177	12,127	12,246	12,148	12,049	12,401	12,373	12,664	12,753	12,584	12,564
515	Farm-product raw materials	7,219	7,987	7,829	8,034	8,817	10,492	10,434	10,679	10,348	10,270	9,558	9,562
516	Chemicals & allied products	2,496	2,529	2,581	2,581	2,764	2,700	2,657	2,764	2,760	2,713	2,734	2,964
517	Petroleum & petroleum products	3,710	4,138	4,111	4,097	4,106	4,072	4,084	4,196	4,134	3,940	3,861	3,858
518	Beer, wine, & distilled beverages	4,036	4,090	4,019	4,034	3,946	3,932	4,025	4,090	4,071	4,143	4,128	4,176
519	Misc. nondurable goods	10,415	10,320	10,584	10,762	10,887	11,483	11,525	11,846	11,469	11,558	12,202	12,069
	Stock/sales ratios, Total	1.31	1.31	1.31	1.32	1.32	1.30	1.30	1.31	1.31	1.28	1.29	1.31
50	Durable goods	1.78	1.76	1.75	1.75	1.73	1.71	1.72	1.74	1.73	1.70	1.68	1.69
501	Motor vehicles & auto. equip.	1.64	1.59	1.62	1.48	1.53	1.49	1.53	1.58	1.59	1.52	1.49	1.53
502	Furniture & home furnishings	1.71	1.70	1.78	1.90	1.87	1.89	1.87	1.82	1.82	1.75	1.63	1.61
503	Lumber & other construction mat.	1.40	1.23	1.19	1.19	1.20	1.17	1.20	1.18	1.20	1.19	1.18	1.16
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.28	2.21	2.26	2.27	2.24	2.16	2.11	1.99	2.06	2.01	1.93	1.89
505	Metals & minerals, ex. petroleum	1.43	1.48	1.44	1.49	1.53	1.52	1.54	1.52	1.49	1.53	1.47	1.50
506	Electrical goods	1.75	1.73	1.66	1.64	1.63	1.63	1.66	1.64	1.63	1.61	1.56	1.63
507	Hardware, plumbing & heating equipment	1.87	2.01	1.82	1.85	1.84	1.77	1.72	1.83	1.91	1.85	1.85	1.83
508	Machinery, equip. & supplies	2.32	2.36	2.34	2.38	2.33	2.27	2.28	2.25	2.22	2.21	2.22	2.23
509	Miscellaneous durable goods	1.13	1.08	1.17	1.24	1.08	1.12	1.09	1.19	1.14	1.13	1.11	1.09
51	Nondurable goods	.87	.88	.88	.90	.91	.91	.91	.90	.90	.88	.90	.92
511	Paper & paper products	.93	.93	.94	.97	.94	.94	.95	.94	.94	.95	.95	.98
512	Drugs, drug proprietaries and druggists' sundries	1.67	1.60	1.59	1.70	1.64	1.63	1.64	1.61	1.57	1.54	1.58	1.60
513	Apparel, piece goods & notions	1.86	1.93	1.93	1.91	1.90	1.85	1.75	1.77	1.67	1.79	1.75	1.73
514	Groceries & related products	.67	.66	67	.70	.67	.66	.67	.66	68	66	64	64
515	Farm-product raw materials	.75	84	.81	80	89	.97	94	94	89	.81	89	1.00
516	Chemicals & allied products	1.02	94	93	87	92	88	86	93	94	95	92	1.02
517	Petroleum & petroleum products	37	38	37	39	38	37	36	37	40	38	39	38
518	Beer, wine, & distilled beverages	1.10	1.10	1.10	1.13	1.12	1.08	1.13	1.13	1.10	1.13	1.11	1.15
519	Misc. nondurable goods	1.10	1.10	1.14	1.16	1.35	1.27	1.26	1.25	1.19	1.19	1.27	1.25

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1987 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	116,582	121,985	121,367	121,844	123,875	123,066	123,832	125,479	127,047	127,125	125,225	124,742
50	Durable goods	56,989	59,826	59,682	59,290	59,911	60,512	60,780	61,254	62,080	62,440	61,063	60,945
501	Motor vehicles & auto. equip.	11,840	12,997	13,150	12,398	12,608	12,350	12,275	12,832	12,817	12,951	12,889	12,995
502	Furniture & home furnishings	2,045	1,986	2,083	1,965	1,991	1,916	2,073	2,112	2,414	2,214	2,166	2,188
503	Lumber & other construction mat.	4,387	4,497	4,662	4,602	4,666	4,939	4,981	4,900	5,007	4,871	4,779	4,805
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,860	2,008	1,838	1,807	1,780	1,818	1,866	1,960	1,826	1,936	1,771	1,774
505	Metals & minerals, ex. petroleum	4,391	4,619	4,732	4,515	4,724	4,804	4,803	5,050	4,919	5,034	4,993	5,195
506	Electrical goods	8,026	8,282	8,010	8,188	8,250	8,063	8,390	8,392	8,101	8,155	8,051	7,870
507	Hardware, plumbing & heating equipment	3,402	3,558	3,697	3,602	3,534	3,677	3,658	3,706	3,924	3,809	3,806	3,793
508	Machinery, equip. & supplies	15,095	15,502	15,417	15,478	15,594	15,671	16,020	15,862	16,097	16,156	15,568	15,140
509	Miscellaneous durable goods	5,943	6,377	6,093	6,735	6,764	7,274	6,714	6,420	6,975	7,414	7,040	7,185
51	Nondurable goods	59,593	62,159	61,685	62,554	63,964	62,554	63,052	64,225	64,967	64,685	64,162	63,797
511	Paper & paper products	3,319	3,450	3,399	3,474	3,502	3,607	3,667	3,741	3,891	3,979	4,065	4,096
512	Drugs, drug proprietaries and druggists' sundries	2,627	2,719	2,651	2,677	2,783	2,762	2,761	2,723	2,778	2,715	2,771	2,515
513	Apparel, piece goods & notions	3,444	3,901	3,849	3,528	3,615	3,705	3,650	3,854	3,889	3,978	3,944	4,070
514	Groceries & related products	18,697	18,717	18,385	18,555	18,739	18,497	18,543	18,278	18,207	18,229	18,609	18,710
515	Farm-product raw materials	7,342	7,810	7,996	8,169	9,392	8,646	8,913	9,327	9,527	9,372	8,674	8,145
516	Chemicals & allied products	1,909	1,871	1,967	2,021	2,009	2,052	2,103	2,135	2,152	2,282	2,294	2,459
517	Petroleum & petroleum products	10,649	11,366	11,332	11,545	11,486	10,958	11,626	11,608	11,737	11,390	11,183	10,671
518	Beer, wine, & distilled beverages	3,562	3,652	3,577	3,693	3,720	3,553	3,566	3,541	3,612	3,642	3,565	3,620
519	Misc. nondurable goods	8,044	8,673	8,529	8,892	9,715	8,774	8,223	9,018	9,174	9,098	8,857	9,211
	Inventories, Total	154,004	153,833	154,032	154,437	157,384	157,198	156,669	155,216	157,013	160,158	160,759	162,648
50	Durable goods	101,856	101,062	101,791	101,992	104,446	103,718	103,173	102,167	102,479	105,072	104,672	106,462
501	Motor vehicles & auto. equip.	18,968	19,098	19,111	19,294	20,447	19,819	19,535	19,897	19,792	20,171	20,546	20,592
502	Furniture & home furnishings	3,463	3,531	3,615	3,754	3,887	3,902	3,986	3,869	4,004	3,967	4,013	3,897
503	Lumber & other construction mat.	4,927	4,869	4,992	5,080	5,351	5,231	5,283	5,160	5,311	5,294	5,209	5,430
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,078	4,145	4,165	4,107	4,163	4,158	4,380	4,371	4,313	4,301	4,236	4,131
505	Metals & minerals, ex. petroleum	7,260	7,051	7,128	7,138	7,138	7,158	6,923	6,830	6,930	7,216	7,217	7,439
506	Electrical goods	13,659	13,826	13,819	13,471	13,736	13,666	13,397	13,456	13,014	13,478	13,600	13,814
507	Hardware, plumbing & heating equipment	6,701	6,728	6,754	6,470	6,610	6,756	6,677	6,549	6,906	7,113	6,915	7,079
508	Machinery, equip. & supplies	35,706	34,743	34,883	34,970	34,590	34,800	34,776	34,450	34,627	35,779	34,877	36,230
509	Miscellaneous durable goods	7,094	7,071	7,324	7,708	8,524	8,228	7,866	7,585	7,502	7,753	8,029	7,930
51	Nondurable goods	52,148	52,771	52,241	52,445	52,903	53,480	53,496	53,049	54,534	55,086	56,097	56,166
511	Paper & paper products	3,540	3,536	3,521	3,528	3,526	3,519	3,515	3,437	3,570	3,703	3,696	3,744
512	Drugs, drug proprietaries and druggists' sundries	4,106	4,168	4,023	4,177	4,161	4,191	4,354	4,324	4,368	4,556	4,725	4,698
513	Apparel, piece goods & notions	7,316	7,352	7,443	7,257	7,226	7,440	7,202	7,139	7,393	7,375	7,617	7,580
514	Groceries & related products	11,948	11,952	11,745	11,797	11,973	12,077	12,540	12,242	12,488	12,240	12,408	12,500
515	Farm-product raw materials	6,688	6,464	6,356	6,817	7,091	7,010	6,680	6,563	6,932	7,197	7,370	7,204
516	Chemicals & allied products	2,133	2,241	2,206	2,196	2,276	2,249	2,221	2,288	2,303	2,266	2,292	2,354
517	Petroleum & petroleum products	3,788	3,791	3,808	3,688	3,613	3,693	4,006	3,819	3,795	3,876	3,825	3,577
518	Beer, wine, & distilled beverages	4,268	4,516	4,436	4,254	4,299	4,250	4,169	4,216	4,311	4,243	4,187	4,203
519	Misc. nondurable goods	8,361	8,751	8,703	8,731	8,773	9,051	8,809	9,021	9,374	9,630	9,977	10,306
	Stock/sales ratios, Total	1.32	1.26	1.27	1.27	1.27	1.28	1.27	1.24	1.24	1.26	1.28	1.30
50	Durable goods	1.79	1.69	1.71	1.72	1.74	1.71	1.70	1.67	1.65	1.68	1.71	1.75
501	Motor vehicles & auto. equip.	1.60	1.47	1.45	1.56	1.62	1.60	1.62	1.55	1.54	1.56	1.59	1.58
502	Furniture & home furnishings	1.69	1.78	1.74	1.91	1.95	2.04	1.92	1.83	1.66	1.79	1.85	1.78
503	Lumber & other construction mat.	1.12	1.08	1.07	1.10	1.15	1.06	1.06	1.05	1.06	1.09	1.09	1.13
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.19	2.06	2.27	2.27	2.34	2.29	2.35	2.21	2.36	2.34	2.39	2.33
505	Metals & minerals, ex. petroleum	1.65	1.53	1.51	1.58	1.51	1.49	1.44	1.35	1.41	1.43	1.45	1.43
506	Electrical goods	1.70	1.67	1.73	1.65	1.66	1.69	1.60	1.60	1.61	1.65	1.69	1.76
507	Hardware, plumbing & heating equipment	1.97	1.89	1.83	1.80	1.87	1.84	1.83	1.77	1.76	1.87	1.82	1.87
508	Machinery, equip. & supplies	2.37	2.24	2.26	2.26	2.22	2.22	2.17	2.17	2.15	2.21	2.24	2.39
509	Miscellaneous durable goods	1.19	1.11	1.20	1.14	1.26	1.13	1.17	1.18	1.08	1.05	1.14	1.10
51	Nondurable goods	.88	.85	.85	.84	.83	.85	.85	.83	.84	.85	.87	.88
511	Paper & paper products	1.07	1.02	1.04	1.02	1.01	.98	.96	.92	.92	.93	.91	.91
512	Drugs, drug proprietaries and druggists' sundries	1.56	1.53	1.52	1.56	1.50	1.52	1.58	1.59	1.57	1.68	1.71	1.67
513	Apparel, piece goods & notions	2.12	1.88	1.93	2.06	2.00	2.01	1.97	1.85	1.90	1.85	1.93	1.86
514	Groceries & related products	.64	.64	.64	.64	.64	.65	.68	.67	.69	.67	.66	.67
515	Farm-product raw materials	.91	.83	.79	.83	.84	.81	.75	.70	.73	.77	.85	.88
516	Chemicals & allied products	1.12	1.20	1.12	1.09	1.13	1.10	1.06	1.07	1.07	.99	1.01	.96
517	Petroleum & petroleum products	.36	.33	.34	.32	.31	.34	.34	.33	.32	.34	.34	.34
518	Beer, wine, & distilled beverages	1.20	1.24	1.24	1.15	1.16	1.20	1.17	1.19	1.19	1.17	1.17	1.16
519	Misc. nondurable goods	1.04	1.01	1.02	.98	.90	1.03	1.07	1.00	1.02	1.06	1.13	1.12

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1986 (Revised)											
		Jan.	Feb.	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	116,262	113,757	113,865	115,031	112,356	114,584	115,013	114,940	118,543	116,969	118,254	118,283
50	Durable goods	55,536	54,866	54,807	56,519	55,464	56,266	56,693	55,900	58,085	57,463	57,719	58,653
501	Motor vehicles & auto. equip.	11,682	11,480	11,513	11,973	11,872	12,633	13,152	12,571	12,893	13,026	12,596	13,056
502	Furniture & home furnishings	1,829	1,832	1,808	1,897	1,957	2,019	1,946	1,974	2,123	1,958	1,909	1,930
503	Lumber & other construction mat.	4,220	4,252	4,029	4,247	4,402	4,108	4,226	4,157	4,191	4,295	4,401	4,496
505	Metals & minerals, ex. petroleum	4,436	4,463	4,162	4,249	4,147	4,248	4,342	4,091	4,301	4,409	4,432	4,415
506	Electrical goods	7,630	7,643	7,648	7,553	7,475	7,664	7,615	7,501	7,835	7,778	7,644	7,972
507	Hardware, plumbing & heating equipment	3,339	3,333	3,267	3,401	3,579	3,476	3,419	3,363	3,437	3,485	3,474	3,562
508	Machinery, equip. & supplies	14,462	14,312	14,474	14,763	14,253	14,491	14,588	14,521	14,425	14,509	15,189	15,542
509	Miscellaneous durable goods	6,279	5,934	6,292	6,674	5,883	6,016	5,808	6,078	7,131	6,219	6,209	5,825
51	Nondurable goods	60,726	58,891	59,058	58,512	56,892	58,318	58,320	59,040	60,458	59,506	60,535	59,630
511	Paper & paper products	3,199	3,088	3,136	3,181	3,161	3,179	3,156	3,250	3,171	3,197	3,218	3,355
512	Drugs, drug proprietaries and druggists' sundries	2,219	2,173	2,256	2,244	2,265	2,259	2,349	2,430	2,427	2,550	2,648	2,585
514	Groceries & related products	18,131	17,753	18,368	18,122	18,051	18,501	18,593	19,424	19,206	18,738	18,462	18,311
515	Farm-product raw materials	8,239	8,108	8,014	7,960	7,512	7,706	7,833	7,322	7,650	7,875	8,017	7,836
518	Beer, wine, & distilled beverages	3,281	3,269	3,373	3,300	3,341	3,398	3,325	3,519	3,329	3,410	3,509	3,529
519	Misc. nondurable goods	7,959	7,971	8,196	8,124	7,506	8,058	8,327	7,893	8,211	8,547	9,096	8,406
	Inventories, Total	147,528	147,956	148,943	149,305	149,612	150,429	151,861	152,910	153,238	152,695	152,999	152,447
50	Durable goods	96,754	97,467	97,845	98,645	99,352	99,462	100,532	101,423	101,836	101,549	102,320	100,630
501	Motor vehicles & auto. equip.	16,938	16,754	17,214	17,286	17,636	17,774	18,024	18,374	18,644	18,201	18,844	18,651
502	Furniture & home furnishings	3,192	3,061	3,100	3,078	3,047	2,940	3,013	3,108	3,265	3,081	3,077	3,347
505	Metals & minerals, ex. petroleum	7,914	7,938	7,604	7,666	7,559	7,540	7,444	7,156	7,219	7,221	7,086	7,211
506	Electrical goods	12,410	12,420	12,631	12,989	12,420	12,715	13,095	12,984	13,323	13,295	13,606	13,374
507	Hardware, plumbing & heating equipment	6,378	6,519	6,553	6,547	6,700	6,723	6,723	6,823	6,751	6,789	6,782	6,832
508	Machinery, equip. & supplies	34,874	35,591	35,624	35,860	36,429	36,211	36,532	36,923	36,419	36,436	36,967	34,840
51	Nondurable goods	50,774	50,489	51,098	50,660	50,260	50,967	51,329	51,487	51,402	51,146	50,679	51,817
511	Paper & paper products	3,370	3,370	3,410	3,395	3,352	3,392	3,410	3,395	3,412	3,454	3,435	3,566
514	Groceries & related products	11,310	11,373	11,600	11,729	11,516	11,716	11,735	11,794	11,784	11,903	12,041	12,156
515	Farm-product raw materials	7,712	7,559	7,717	7,601	7,223	7,531	7,432	7,148	6,863	6,723	6,245	6,264
518	Beer, wine, & distilled beverages	3,963	4,079	3,977	3,983	3,994	4,027	3,995	3,954	3,970	3,871	4,071	4,072
519	Misc. nondurable goods	8,324	8,081	8,040	8,084	8,208	8,103	8,166	8,308	8,533	8,586	8,146	8,507
	Stock/sales ratios, Total	1.27	1.30	1.31	1.30	1.33	1.31	1.32	1.33	1.29	1.31	1.29	1.29
50	Durable goods	1.74	1.78	1.79	1.75	1.79	1.77	1.77	1.81	1.75	1.77	1.77	1.72
501	Motor vehicles & auto. equip.	1.45	1.46	1.50	1.44	1.49	1.41	1.37	1.46	1.45	1.40	1.50	1.44
502	Furniture & home furnishings	1.75	1.67	1.71	1.62	1.56	1.46	1.55	1.57	1.54	1.57	1.61	1.73
505	Metals & minerals, ex. petroleum	1.78	1.78	1.83	1.80	1.82	1.77	1.71	1.75	1.68	1.64	1.60	1.60
506	Electrical goods	1.63	1.63	1.65	1.72	1.66	1.66	1.72	1.73	1.70	1.71	1.78	1.68
507	Hardware, plumbing & heating equipment	1.91	1.96	2.01	1.93	1.87	1.93	1.97	2.03	1.96	1.96	1.95	1.92
508	Machinery, equip. & supplies	2.41	2.49	2.46	2.43	2.55	2.50	2.50	2.54	2.52	2.51	2.43	2.24
51	Nondurable goods	.84	.86	.87	.87	.88	.87	.88	.87	.85	.86	.84	.87
511	Paper & paper products	1.05	1.09	1.09	1.07	1.06	1.07	1.08	1.04	1.08	1.08	1.07	1.06
514	Groceries & related products	.62	.64	.63	.65	.64	.63	.63	.61	.61	.64	.65	.66
515	Farm-product raw materials	.94	.93	.96	.95	.96	.98	.95	.98	.90	.85	.78	.79
518	Beer, wine, & distilled beverages	1.21	1.25	1.18	1.21	1.20	1.19	1.20	1.12	1.19	1.14	1.16	1.15
519	Misc. nondurable goods	1.05	1.01	.98	1.00	1.09	1.01	.98	1.05	1.04	1.00	.90	1.01

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1985 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	113,131	113,034	114,085	115,221	116,035	112,196	112,843	115,437	114,048	113,166	115,606	116,911
50	Durable goods	53,310	52,580	54,082	53,639	54,773	52,849	53,066	55,129	54,062	54,043	55,399	55,570
501	Motor vehicles & auto. equip.	10,987	10,837	11,152	11,174	11,634	11,293	11,356	11,682	11,179	11,262	11,861	11,937
502	Furniture & home furnishings	1,732	1,786	1,741	1,824	1,856	1,898	1,957	1,933	1,868	1,887	1,957	1,978
503	Lumber & other construction mat.	3,658	3,727	3,842	3,883	3,969	3,939	3,840	3,963	3,985	3,976	4,081	3,957
505	Metals & minerals, ex. petroleum	4,871	4,609	4,669	4,682	4,750	4,535	4,489	4,625	4,721	4,533	4,433	4,444
506	Electrical goods	7,642	7,446	7,400	7,245	7,302	7,204	7,247	7,337	7,426	7,642	7,732	7,736
507	Hardware, plumbing & heating equipment	3,279	3,363	3,256	3,312	3,275	3,139	3,060	3,192	3,127	3,302	3,438	3,317
508	Machinery, equip. & supplies	14,266	14,203	14,722	14,336	14,548	14,101	14,083	14,613	14,352	14,406	14,306	14,846
509	Miscellaneous durable goods	5,550	5,230	5,887	5,798	6,053	5,262	5,496	6,196	5,745	5,408	5,947	6,251
51	Nondurable goods	59,821	60,454	60,003	61,582	61,262	59,347	59,777	60,308	59,986	59,123	60,207	61,041
511	Paper & paper products	2,820	2,851	2,907	2,935	2,932	2,925	2,948	2,982	2,948	3,019	3,031	3,045
512	Drugs, drug proprietaries and druggists' sundries	2,048	2,054	2,068	2,132	2,103	2,050	2,154	2,175	2,146	2,179	2,164	2,158
514	Groceries & related products	16,917	17,225	17,279	17,132	17,271	17,090	17,395	17,255	17,218	17,413	17,852	17,816
515	Farm-product raw materials	10,555	9,684	9,133	9,297	9,237	8,506	7,746	7,956	7,561	7,492	8,327	8,746
518	Beer, wine, & distilled beverages	3,115	3,173	3,145	3,264	3,246	3,116	3,390	3,380	3,907	2,885	3,227	3,334
519	Misc. nondurable goods	7,746	7,890	7,897	7,997	7,763	7,856	8,224	8,368	8,124	7,591	6,983	8,313
	Inventories, Total	142,611	143,790	144,086	144,386	144,460	144,991	145,161	145,624	145,164	145,662	146,107	146,745
50	Durable goods	94,470	95,479	95,268	95,458	95,293	95,551	95,319	95,486	95,299	95,387	95,911	95,980
501	Motor vehicles & auto. equip.	15,937	16,200	16,158	16,476	16,437	16,781	16,534	16,417	16,472	16,472	16,198	16,850
502	Furniture & home furnishings	2,856	2,989	2,921	2,890	2,948	3,039	3,269	3,175	3,126	3,253	3,156	3,208
505	Metals & minerals, ex. petroleum	9,235	9,125	9,066	8,754	8,417	8,254	8,181	8,229	8,192	7,898	7,867	7,856
506	Electrical goods	12,307	12,368	12,839	13,080	12,913	12,988	12,876	12,899	12,704	12,696	12,543	12,507
507	Hardware, plumbing & heating equipment	6,297	6,415	6,499	6,658	6,798	6,590	6,605	6,450	6,406	6,437	6,422	6,387
508	Machinery, equip. & supplies	33,702	34,092	33,969	33,691	33,682	33,685	33,718	34,059	34,048	34,242	35,195	34,848
51	Nondurable goods	48,141	48,311	48,818	48,928	49,167	49,440	49,842	50,138	49,865	50,275	50,196	50,765
511	Paper & paper products	3,062	3,147	3,142	3,259	3,184	3,237	3,193	3,258	3,290	3,299	3,314	3,346
514	Groceries & related products	9,671	9,774	9,943	9,994	10,211	10,268	10,240	10,415	10,372	10,700	10,666	10,902
515	Farm-product raw materials	7,289	7,347	7,416	6,928	7,035	6,945	7,011	7,142	7,373	7,414	7,445	7,859
518	Beer, wine, & distilled beverages	3,711	3,643	3,693	3,786	3,815	3,909	3,845	3,980	3,938	3,970	3,960	4,004
519	Misc. nondurable goods	8,216	8,198	8,373	8,163	8,241	8,629	8,603	8,497	8,534	8,433	8,365	8,148
	Stock/sales ratios, Total	1.26	1.27	1.26	1.25	1.24	1.29	1.29	1.26	1.27	1.29	1.26	1.26
50	Durable goods	1.77	1.82	1.76	1.78	1.74	1.81	1.80	1.73	1.76	1.77	1.73	1.73
501	Motor vehicles & auto. equip.	1.45	1.49	1.45	1.47	1.41	1.49	1.46	1.41	1.47	1.46	1.37	1.45
502	Furniture & home furnishings	1.65	1.67	1.68	1.58	1.59	1.60	1.67	1.64	1.67	1.72	1.61	1.62
505	Metals & minerals, ex. petroleum	1.90	1.96	1.94	1.87	1.77	1.82	1.82	1.78	1.74	1.74	1.77	1.77
506	Electrical goods	1.68	1.74	1.73	1.81	1.77	1.80	1.78	1.76	1.71	1.66	1.62	1.62
507	Hardware, plumbing & heating equipment	1.95	1.91	2.00	2.01	2.08	2.10	2.16	2.02	2.05	1.95	1.87	1.93
508	Machinery, equip. & supplies	2.36	2.40	2.31	2.35	2.32	2.39	2.39	2.33	2.37	2.38	2.46	2.38
51	Nondurable goods	.80	.80	.81	.79	.80	.83	.83	.83	.85	.83	.83	.83
511	Paper & paper products	1.09	1.10	1.08	1.11	1.09	1.11	1.08	1.09	1.12	1.09	1.09	1.10
514	Groceries & related products	.57	.57	.58	.58	.59	.60	.59	.60	.60	.61	.60	.61
515	Farm-product raw materials	.72	.76	.81	.75	.76	.82	.91	.90	.98	.99	.89	.95
518	Beer, wine, & distilled beverages	1.19	1.15	1.17	1.16	1.18	1.25	1.13	1.18	1.01	1.38	1.23	1.20
519	Misc. nondurable goods	1.06	1.04	1.06	1.02	1.06	1.10	1.05	1.02	1.05	1.11	1.20	.98

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1984 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	110,626	110,229	111,731	111,873	114,505	116,225	114,770	113,248	114,192	112,905	113,202	112,846
50	Durable goods	48,870	49,701	50,327	50,595	52,066	53,357	52,689	52,142	52,584	52,429	52,407	52,042
501	Motor vehicles & auto. equip.	9,945	9,787	9,818	10,128	10,391	10,832	10,013	10,035	10,626	10,444	10,430	10,721
502	Furniture & home furnishings	1,806	1,858	1,894	1,943	2,141	1,885	1,935	1,852	1,828	1,787	1,936	1,725
503	Lumber & other construction mat.	3,648	3,760	3,707	3,612	3,685	3,766	3,791	3,852	3,817	3,768	3,733	3,728
505	Metals & minerals, ex. petroleum	4,921	5,035	5,234	5,301	5,181	5,261	5,045	5,331	5,123	4,959	4,961	4,731
506	Electrical goods	6,420	6,609	6,892	7,016	7,165	7,227	7,240	7,509	7,596	7,986	7,662	7,472
507	Hardware, plumbing & heating equipment	2,856	2,887	2,975	2,929	2,952	3,077	3,205	3,123	3,075	2,987	3,056	3,156
508	Machinery, equip. & supplies	13,222	13,197	13,473	13,505	14,089	14,276	14,227	13,966	14,286	14,421	14,338	14,114
509	Miscellaneous durable goods	4,869	5,362	4,952	4,903	5,134	5,460	5,876	5,225	5,034	4,832	5,036	5,108
51	Nondurable goods	61,756	60,528	61,404	61,278	62,439	62,868	62,081	61,206	61,608	60,476	60,795	60,804
511	Paper & paper products	2,616	2,656	2,658	2,742	2,810	2,951	2,911	2,868	2,883	2,822	2,879	2,798
512	Drugs, drug proprietaries and druggists' sundries	1,767	1,795	1,823	1,842	1,843	1,861	1,742	1,815	1,937	1,930	1,962	2,016
514	Groceries & related products	16,463	16,656	16,863	17,159	17,064	16,934	16,761	17,027	17,053	16,862	16,860	17,206
515	Farm-product raw materials	11,747	11,163	11,243	10,787	11,593	11,200	11,456	11,162	11,001	10,052	10,724	10,796
518	Beer, wine, & distilled beverages	3,076	3,062	3,071	3,026	3,075	3,126	3,143	3,131	3,159	3,213	3,187	3,230
519	Misc. nondurable goods	8,175	7,798	7,748	7,850	8,228	8,636	7,744	7,889	7,620	7,831	7,894	7,698
	Inventories, Total	131,369	132,985	133,866	135,823	137,186	136,424	137,978	139,788	141,024	141,343	143,586	142,360
50	Durable goods	85,077	85,774	87,257	87,422	88,428	89,297	90,126	91,625	92,729	92,815	93,789	94,425
501	Motor vehicles & auto. equip.	13,571	13,874	13,983	13,949	13,923	13,786	14,206	14,581	15,590	15,199	15,353	15,724
502	Furniture & home furnishings	2,604	2,647	2,678	2,752	2,767	2,836	2,762	2,761	2,825	2,878	2,977	2,935
505	Metals & minerals, ex. petroleum	9,574	9,557	9,598	9,743	9,886	10,044	10,071	10,238	9,721	9,610	9,690	9,400
506	Electrical goods	9,897	9,954	10,204	10,537	10,936	11,129	11,480	11,810	12,086	12,197	12,405	12,748
507	Hardware, plumbing & heating equipment	5,433	5,542	5,586	5,600	5,703	5,674	5,808	5,958	6,048	6,104	6,189	6,255
508	Machinery, equip. & supplies	31,982	31,935	32,486	32,458	32,868	33,444	33,364	33,515	33,643	33,748	33,763	33,770
51	Nondurable goods	46,292	47,211	46,609	48,401	48,758	47,127	47,852	48,163	48,295	48,528	49,597	47,935
511	Paper & paper products	2,693	2,759	2,791	2,844	2,919	2,916	2,984	2,965	2,975	3,011	3,049	3,008
514	Groceries & related products	9,100	9,379	9,347	9,580	9,677	9,349	9,902	9,803	9,882	9,984	10,069	9,730
515	Farm-product raw materials	7,474	7,502	7,468	8,144	8,128	7,441	7,008	7,636	7,401	7,238	7,732	7,342
518	Beer, wine, & distilled beverages	3,375	3,477	3,576	3,524	3,383	3,398	3,554	3,465	3,619	3,611	3,610	3,678
519	Misc. nondurable goods	8,000	8,265	8,399	8,573	8,645	8,212	8,491	8,528	8,264	8,296	9,008	8,605
	Stock/sales ratios, Total	1.19	1.21	1.20	1.21	1.20	1.17	1.20	1.23	1.23	1.25	1.27	1.26
50	Durable goods	1.74	1.73	1.73	1.73	1.70	1.67	1.71	1.76	1.76	1.77	1.79	1.81
501	Motor vehicles & auto. equip.	1.36	1.42	1.42	1.38	1.34	1.27	1.42	1.45	1.47	1.46	1.47	1.47
502	Furniture & home furnishings	1.44	1.42	1.41	1.42	1.29	1.50	1.43	1.49	1.55	1.61	1.54	1.70
505	Metals & minerals, ex. petroleum	1.95	1.90	1.82	1.84	1.91	1.91	2.00	1.92	1.90	1.94	1.95	1.99
506	Electrical goods	1.54	1.51	1.48	1.50	1.53	1.54	1.59	1.57	1.59	1.53	1.62	1.71
507	Hardware, plumbing & heating equipment	1.90	1.92	1.88	1.91	1.93	1.84	1.81	1.91	1.97	2.04	2.03	1.98
508	Machinery, equip. & supplies	2.42	2.42	2.41	2.40	2.33	2.34	2.35	2.40	2.35	2.34	2.35	2.39
51	Nondurable goods	.75	.78	.76	.79	.78	.75	.77	.79	.78	.80	.82	.79
511	Paper & paper products	1.03	1.04	1.05	1.04	1.04	.99	1.03	1.03	1.03	1.07	1.06	1.08
514	Groceries & related products	.55	.56	.55	.56	.57	.55	.59	.58	.58	.59	.60	.57
515	Farm-product raw materials	.64	.67	.66	.75	.70	.66	.61	.68	.67	.72	.72	.68
518	Beer, wine, & distilled beverages	1.10	1.14	1.16	1.16	1.10	1.09	1.13	1.11	1.15	1.12	1.13	1.14
519	Misc. nondurable goods	.98	1.06	1.08	1.09	1.05	.95	1.10	1.08	1.08	1.06	1.14	1.12

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1983 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	95,358	94,259	95,146	94,062	96,763	100,765	101,493	102,387	104,179	106,620	105,605	108,097
50	Durable goods	41,667	40,077	40,422	40,059	41,554	43,930	44,155	44,302	44,927	46,547	46,815	47,953
501	Motor vehicles & auto. equip.	7,798	7,616	7,935	8,059	8,030	8,528	9,045	8,821	9,061	9,265	9,320	9,487
502	Furniture & home furnishings	1,520	1,484	1,575	1,568	1,620	1,613	1,573	1,670	1,698	1,795	1,787	1,800
503	Lumber & other construction mat.	3,181	3,105	3,196	3,088	3,439	3,633	3,530	3,389	3,420	3,647	3,602	3,588
505	Metals & minerals, ex. petroleum	4,214	3,880	3,804	3,854	3,950	4,175	4,432	4,340	4,388	4,589	4,718	5,044
506	Electrical goods	4,897	4,947	4,961	5,188	5,367	5,581	5,803	5,901	5,985	6,017	6,169	6,461
507	Hardware, plumbing & heating equipment	2,555	2,444	2,488	2,362	2,550	2,615	2,685	2,775	2,793	2,787	2,834	2,806
508	Machinery, equip. & supplies	11,999	11,360	11,260	10,823	11,335	11,917	11,609	11,876	12,024	12,201	12,366	12,513
509	Miscellaneous durable goods	4,324	4,289	4,083	3,934	4,133	4,676	4,378	4,428	4,311	5,000	4,815	5,059
51	Nondurable goods	53,691	54,182	54,724	54,003	55,209	56,835	57,338	58,085	59,252	60,073	58,790	60,144
511	Paper & paper products	2,359	2,230	2,251	2,216	2,236	2,265	2,257	2,331	2,483	2,509	2,530	2,620
512	Drugs, drug proprietaries and druggists' sundries	1,588	1,560	1,569	1,562	1,597	1,671	1,656	1,713	1,732	1,738	1,729	1,764
514	Groceries & related products	14,868	15,182	15,109	15,241	15,605	15,702	15,445	15,753	16,588	16,087	16,061	16,199
515	Farm-product raw materials	8,897	9,545	9,314	9,148	9,701	10,475	11,170	11,389	11,818	12,353	11,574	11,508
518	Beer, wine, & distilled beverages	3,052	2,990	3,078	2,939	3,193	3,398	3,040	3,031	3,037	2,960	3,049	3,019
519	Misc. nondurable goods	7,036	7,041	7,143	7,102	7,226	7,431	7,373	7,268	7,436	7,781	7,498	7,598
	Inventories, Total	127,451	127,159	127,077	126,947	125,780	125,037	125,780	126,689	127,959	128,572	129,117	130,334
50	Durable goods	84,361	83,342	82,797	82,251	81,634	81,288	81,440	81,736	82,711	82,812	83,267	84,418
501	Motor vehicles & auto. equip.	14,458	14,141	13,863	13,788	13,739	13,507	13,581	13,323	13,644	13,787	13,603	13,619
502	Furniture & home furnishings	2,541	2,536	2,505	2,515	2,474	2,516	2,560	2,548	2,612	2,515	2,564	2,594
505	Metals & minerals, ex. petroleum	10,901	10,939	10,613	10,206	9,969	9,890	9,661	9,725	9,975	9,699	9,722	9,627
506	Electrical goods	9,034	8,740	8,769	8,720	8,699	8,713	8,843	8,841	8,927	9,138	9,185	9,478
507	Hardware, plumbing & heating equipment	5,314	5,302	5,219	5,206	5,194	5,198	5,200	5,171	5,273	5,315	5,424	5,478
508	Machinery, equip. & supplies	31,377	31,127	31,177	30,971	30,660	30,497	30,316	30,176	30,537	30,728	30,954	31,698
51	Nondurable goods	43,090	43,817	44,280	44,696	44,146	43,749	44,340	44,953	45,248	45,760	45,850	45,916
511	Paper & paper products	2,322	2,302	2,329	2,317	2,382	2,394	2,389	2,508	2,590	2,593	2,705	2,714
514	Groceries & related products	8,173	8,127	8,219	8,230	8,412	8,268	8,376	8,737	8,646	8,671	8,920	8,946
515	Farm-product raw materials	6,483	6,781	6,973	6,843	7,037	6,795	7,567	8,089	8,264	8,615	8,008	7,609
518	Beer, wine, & distilled beverages	3,535	3,542	3,482	3,555	3,633	3,541	3,633	3,595	3,451	3,556	3,509	3,438
519	Misc. nondurable goods	7,810	7,796	7,662	7,663	7,546	7,620	7,577	7,482	7,591	7,607	7,631	7,793
	Stock/sales ratios, Total	1.34	1.35	1.34	1.35	1.30	1.24	1.24	1.24	1.23	1.21	1.22	1.21
50	Durable goods	2.02	2.08	2.05	2.05	1.96	1.85	1.84	1.84	1.84	1.78	1.78	1.76
501	Motor vehicles & auto. equip.	1.85	1.86	1.75	1.71	1.71	1.58	1.50	1.51	1.51	1.49	1.46	1.44
502	Furniture & home furnishings	1.67	1.71	1.59	1.60	1.53	1.56	1.63	1.53	1.54	1.40	1.43	1.44
505	Metals & minerals, ex. petroleum	2.59	2.97	2.79	2.65	2.52	2.37	2.18	2.24	2.27	2.11	2.06	1.91
506	Electrical goods	1.84	1.77	1.77	1.68	1.62	1.56	1.52	1.50	1.49	1.52	1.49	1.47
507	Hardware, plumbing & heating equipment	2.08	2.17	2.10	2.20	2.04	1.99	1.94	1.86	1.89	1.91	1.91	1.95
508	Machinery, equip. & supplies	2.61	2.74	2.77	2.86	2.70	2.56	2.61	2.54	2.54	2.52	2.50	2.53
51	Nondurable goods	.80	.81	.81	.83	.80	.77	.77	.77	.76	.76	.76	.76
511	Paper & paper products	.96	1.03	1.03	1.05	1.07	1.06	1.06	1.08	1.04	1.03	1.07	1.04
514	Groceries & related products	.55	.54	.54	.54	.54	.53	.54	.55	.52	.54	.56	.55
515	Farm-product raw materials	.73	.71	.75	.75	.73	.65	.68	.71	.70	.70	.69	.66
518	Beer, wine, & distilled beverages	1.16	1.18	1.13	1.21	1.14	1.04	1.20	1.19	1.14	1.20	1.15	1.14
519	Misc. nondurable goods	1.11	1.11	1.07	1.08	1.04	1.03	1.03	1.03	1.02	.98	1.02	1.03

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1982 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	98,220	98,594	100,026	98,747	98,188	97,327	96,280	95,131	93,779	93,411	93,535	93,236
50	Durable goods	41,747	41,780	41,346	40,579	39,664	39,265	39,396	39,173	39,120	39,471	39,832	39,540
501	Motor vehicles & auto. equip.	7,241	7,550	7,557	7,292	7,688	7,659	7,685	7,572	7,747	7,860	7,856	7,849
502	Furniture & home furnishings	1,520	1,555	1,527	1,489	1,410	1,461	1,434	1,401	1,478	1,452	1,450	1,506
503	Lumber & other construction mat.	2,691	2,689	2,623	2,792	2,755	2,580	2,606	2,793	2,712	2,754	3,036	3,126
505	Metals & minerals, ex. petroleum	5,252	5,125	4,928	4,935	4,774	4,422	4,244	3,972	3,754	3,879	3,701	3,530
506	Electrical goods	4,526	4,522	4,627	4,720	4,618	4,708	4,761	4,679	4,567	4,700	4,691	4,780
507	Hardware, plumbing & heating equipment	2,457	2,425	2,454	2,481	2,378	2,331	2,445	2,387	2,436	2,475	2,461	2,536
508	Machinery, equip. & supplies	12,809	13,143	12,336	12,148	11,777	11,451	11,331	11,154	11,132	11,180	11,400	11,307
509	Miscellaneous durable goods	3,763	3,414	4,422	3,682	3,166	3,530	3,877	4,026	4,246	4,241	3,919	3,530
51	Nondurable goods	56,473	56,814	58,680	58,168	58,524	58,062	56,884	55,958	54,659	53,940	53,703	53,696
511	Paper & paper products	2,116	2,063	2,123	2,145	2,199	2,203	2,189	2,211	2,154	2,131	2,153	2,212
512	Drugs, drug proprietaries and druggists' sundries	1,303	1,484	1,583	1,567	1,568	1,600	1,579	1,606	1,535	1,570	1,625	1,619
514	Groceries & related products	14,095	14,170	14,057	14,057	14,390	14,585	14,739	14,836	14,719	14,987	15,174	14,970
515	Farm-product raw materials	9,735	10,307	10,885	10,448	10,737	10,158	9,437	9,112	8,666	8,293	8,436	8,495
518	Beer, wine, & distilled beverages	2,974	3,001	3,032	2,994	3,012	2,981	3,026	2,971	3,045	3,084	3,168	3,033
519	Misc. nondurable goods	6,956	7,246	7,214	7,209	7,572	7,652	7,551	7,607	7,337	7,354	7,211	7,454
	Inventories, Total	130,562	128,728	129,433	131,917	130,721	131,690	132,167	130,892	130,223	130,237	128,972	128,196
50	Durable goods	86,299	85,895	86,271	88,472	87,075	87,640	88,871	87,573	87,020	86,874	85,655	84,879
501	Motor vehicles & auto. equip.	13,007	13,253	13,682	14,115	13,886	14,657	15,432	15,314	14,917	14,889	14,742	14,340
502	Furniture & home furnishings	2,527	2,541	2,579	2,491	2,563	2,511	2,467	2,527	2,402	2,457	2,457	2,469
505	Metals & minerals, ex. petroleum	12,850	12,452	12,603	13,557	12,841	12,513	12,583	12,142	11,885	12,068	11,741	11,487
506	Electrical goods	8,981	9,189	9,351	9,406	9,252	9,478	9,271	9,260	9,262	9,233	9,221	9,028
507	Hardware, plumbing & heating equipment	5,516	5,376	5,416	5,565	5,356	5,294	5,556	5,419	5,374	5,286	5,074	5,244
508	Machinery, equip. & supplies	32,686	32,544	32,330	32,936	32,757	32,736	33,330	32,799	33,209	32,596	32,265	31,669
51	Nondurable goods	44,263	42,833	43,162	43,445	43,646	44,050	43,296	43,319	43,203	43,363	43,317	43,317
511	Paper & paper products	2,284	2,266	2,253	2,300	2,292	2,226	2,313	2,325	2,272	2,290	2,292	2,236
514	Groceries & related products	7,789	7,753	7,697	7,685	7,711	7,910	7,933	7,902	7,946	7,955	8,027	8,157
515	Farm-product raw materials	6,162	5,785	5,741	6,004	5,875	6,103	5,819	5,491	5,611	5,538	5,776	6,383
518	Beer, wine, & distilled beverages	3,557	3,470	3,602	3,484	3,548	3,543	3,502	3,516	3,529	3,562	3,665	3,582
519	Misc. nondurable goods	7,764	7,695	7,723	7,905	7,826	7,887	7,981	7,904	7,921	8,065	7,745	7,633
	Stock/sales ratios, Total	1.33	1.31	1.29	1.34	1.33	1.35	1.37	1.38	1.39	1.39	1.38	1.37
50	Durable goods	2.07	2.06	2.09	2.18	2.20	2.23	2.26	2.24	2.22	2.20	2.15	2.15
501	Motor vehicles & auto. equip.	1.80	1.76	1.81	1.94	1.81	1.91	2.01	2.02	1.93	1.94	1.88	1.83
502	Furniture & home furnishings	1.66	1.63	1.69	1.67	1.82	1.72	1.72	1.80	1.63	1.69	1.69	1.64
505	Metals & minerals, ex. petroleum	2.45	2.43	2.56	2.75	2.69	2.83	2.96	3.06	3.17	3.11	3.17	3.25
506	Electrical goods	1.98	2.03	2.02	1.99	2.00	2.01	1.95	1.98	2.03	1.96	1.97	1.89
507	Hardware, plumbing & heating equipment	2.25	2.22	2.21	2.24	2.25	2.27	2.27	2.27	2.21	2.14	2.06	2.07
508	Machinery, equip. & supplies	2.55	2.48	2.62	2.71	2.78	2.86	2.94	2.94	2.98	2.92	2.83	2.80
51	Nondurable goods	.78	.75	.74	.75	.75	.76	.76	.77	.79	.80	.81	.81
511	Paper & paper products	1.08	1.09	1.06	1.07	1.04	1.01	1.06	1.05	1.05	1.07	1.06	1.01
514	Groceries & related products	.55	.55	.55	.55	.54	.54	.54	.53	.54	.53	.53	.54
515	Farm-product raw materials	.63	.56	.53	.57	.55	.60	.62	.60	.65	.67	.68	.75
518	Beer, wine, & distilled beverages	1.20	1.16	1.19	1.16	1.18	1.19	1.16	1.18	1.16	1.15	1.16	1.18
519	Misc. nondurable goods	1.12	1.06	1.07	1.10	1.03	1.03	1.06	1.04	1.08	1.10	1.07	1.02

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1981 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	106,503	104,932	102,835	103,812	103,323	100,048	101,601	100,854	101,994	100,064	99,640	98,683
50	Durable goods	43,309	44,488	43,375	43,919	44,679	44,343	44,078	44,050	43,661	42,305	42,648	42,272
501	Motor vehicles & auto. equip.	7,520	7,670	7,601	7,596	7,377	7,443	7,430	7,361	7,190	7,364	7,421	7,466
502	Furniture & home furnishings	1,480	1,510	1,462	1,467	1,513	1,528	1,506	1,569	1,508	1,463	1,494	1,448
503	Lumber & other construction mat.	3,151	3,154	3,112	3,117	2,962	2,949	2,871	2,864	2,894	2,718	2,602	2,563
505	Metals & minerals, ex. petroleum	5,718	5,992	5,639	5,771	6,094	6,171	6,046	6,022	6,090	5,588	5,736	5,568
506	Electrical goods	4,379	4,540	4,511	4,473	4,602	4,504	4,443	4,453	4,512	4,377	4,560	4,468
507	Hardware, plumbing & heating equipment	2,549	2,590	2,574	2,663	2,666	2,700	2,570	2,567	2,601	2,521	2,512	2,475
508	Machinery, equip. & supplies	12,514	12,649	12,672	12,824	13,085	13,112	13,632	13,611	13,397	13,310	13,153	13,172
509	Miscellaneous durable goods	4,681	4,874	4,772	4,857	5,170	4,910	4,573	4,509	4,456	4,076	4,209	4,011
51	Nondurable goods	63,194	60,444	59,460	59,893	58,644	55,705	57,523	56,804	58,333	57,759	56,992	56,410
511	Paper & paper products	2,017	2,050	2,044	2,057	2,069	2,058	2,106	2,112	2,149	2,190	2,146	2,068
512	Drugs, drug proprietaries and druggists' sundries	1,279	1,298	1,298	1,288	1,317	1,299	1,337	1,302	1,355	1,334	1,369	1,377
514	Groceries & related products	13,904	13,674	13,903	13,881	13,555	13,653	13,837	13,592	13,888	13,822	13,699	13,867
515	Farm-product raw materials	12,467	11,200	11,328	11,228	10,550	9,163	9,742	9,719	11,020	10,143	10,195	9,939
518	Beer, wine, & distilled beverages	2,759	2,793	2,795	2,900	2,825	2,859	2,843	2,913	2,953	2,961	2,964	2,950
519	Misc. nondurable goods	7,410	7,369	7,406	7,294	7,133	6,607	7,160	7,091	7,256	7,173	7,314	7,103
	Inventories, Total	123,614	126,325	126,651	125,180	125,756	126,874	126,424	128,192	128,011	127,589	130,024	130,275
50	Durable goods	78,724	80,630	81,058	81,003	82,971	83,266	82,118	83,473	83,650	83,276	85,570	85,380
501	Motor vehicles & auto. equip.	12,257	12,148	12,118	11,914	11,923	12,236	11,825	11,793	11,752	11,864	12,444	12,867
502	Furniture & home furnishings	2,493	2,496	2,574	2,651	2,605	2,616	2,783	2,600	2,684	2,670	2,604	2,538
505	Metals & minerals, ex. petroleum	10,673	11,065	11,136	11,282	11,588	11,611	11,219	11,921	12,291	12,290	12,365	12,452
506	Electrical goods	7,639	7,919	7,931	7,975	8,216	8,269	8,119	8,465	8,489	8,700	8,904	8,935
507	Hardware, plumbing & heating equipment	5,309	5,356	5,401	5,469	5,524	5,630	5,573	5,550	5,541	5,641	5,524	5,548
508	Machinery, equip. & supplies	29,281	30,306	30,525	30,174	31,449	31,519	31,236	31,897	31,562	31,021	32,762	32,273
51	Nondurable goods	44,890	45,695	45,593	44,177	42,785	43,608	44,306	44,719	44,361	44,313	44,454	44,895
511	Paper & paper products	2,024	2,070	2,109	2,107	2,117	2,182	2,201	2,180	2,253	2,274	2,215	2,296
514	Groceries & related products	7,888	7,550	8,061	8,278	7,688	7,772	7,657	7,599	7,865	7,797	7,471	7,818
515	Farm-product raw materials	7,489	7,551	7,254	6,667	6,486	6,171	6,336	6,223	5,935	6,100	6,105	6,082
518	Beer, wine, & distilled beverages	3,207	3,187	3,102	3,112	3,182	3,286	3,225	3,372	3,388	3,359	3,394	3,472
519	Misc. nondurable goods	7,299	7,222	7,201	6,747	7,282	7,250	7,235	7,428	7,487	7,345	7,871	7,779
	Stock/sales ratios, Total	1.16	1.20	1.23	1.21	1.22	1.27	1.24	1.27	1.26	1.28	1.30	1.32
50	Durable goods	1.82	1.81	1.87	1.84	1.86	1.88	1.86	1.89	1.92	1.97	2.01	2.02
501	Motor vehicles & auto. equip.	1.63	1.58	1.59	1.57	1.62	1.64	1.59	1.60	1.63	1.61	1.68	1.72
502	Furniture & home furnishings	1.68	1.65	1.76	1.81	1.72	1.71	1.85	1.66	1.78	1.83	1.74	1.75
505	Metals & minerals, ex. petroleum	1.87	1.85	1.97	1.95	1.90	1.88	1.86	1.98	2.02	2.20	2.15	2.24
506	Electrical goods	1.74	1.74	1.76	1.78	1.79	1.84	1.83	1.90	1.88	1.99	1.95	2.00
507	Hardware, plumbing & heating equipment	2.08	2.07	2.10	2.05	2.07	2.09	2.17	2.16	2.13	2.24	2.20	2.24
508	Machinery, equip. & supplies	2.34	2.40	2.41	2.35	2.40	2.40	2.29	2.34	2.36	2.33	2.49	2.45
51	Nondurable goods	.71	.76	.77	.74	.73	.78	.77	.79	.76	.77	.78	.80
511	Paper & paper products	1.00	1.01	1.03	1.02	1.02	1.06	1.05	1.03	1.05	1.04	1.03	1.11
514	Groceries & related products	.57	.55	.58	.60	.57	.57	.55	.56	.57	.56	.55	.56
515	Farm-product raw materials	.60	.67	.64	.59	.61	.67	.65	.64	.54	.60	.60	.61
518	Beer, wine, & distilled beverages	1.16	1.14	1.11	1.07	1.13	1.15	1.13	1.16	1.15	1.13	1.15	1.16
519	Misc. nondurable goods	.99	.98	.97	.93	1.02	1.10	1.01	1.05	1.03	1.02	1.08	1.10

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1A. **Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1980 (Revised)											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	103,122
50	Durable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	42,502
501	Motor vehicles & auto. equip.	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	7,069
502	Furniture & home furnishings	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,450
503	Lumber & other construction mat.	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	3,237
505	Metals & minerals, ex. petroleum	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	5,805
506	Electrical goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	4,344
507	Hardware, plumbing & heating equipment	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	2,454
508	Machinery, equip. & supplies	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	12,353
509	Miscellaneous durable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	4,827
51	Nondurable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	60,620
511	Paper & paper products	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,978
512	Drugs, drug proprietaries and druggists' sundries	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,243
514	Groceries & related products	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	13,760
515	Farm-product raw materials	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	11,929
518	Beer, wine, & distilled beverages	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	2,702
519	Misc. nondurable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	7,328
	Inventories, Total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	122,979
50	Durable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	78,727
501	Motor vehicles & auto. equip.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12,352
502	Furniture & home furnishings	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,502
505	Metals & minerals, ex. petroleum	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10,620
506	Electrical goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,643
507	Hardware, plumbing & heating equipment	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5,268
508	Machinery, equip. & supplies	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	29,274
51	Nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	44,252
511	Paper & paper products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,023
514	Groceries & related products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,843
515	Farm-product raw materials	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,567
518	Beer, wine, & distilled beverages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3,227
519	Misc. nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,238
	Stock/sales ratios, Total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.19
50	Durable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.85
501	Motor vehicles & auto. equip.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.74
502	Furniture & home furnishings	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.73
505	Metals & minerals, ex. petroleum	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.83
506	Electrical goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.76
507	Hardware, plumbing & heating equipment	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.15
508	Machinery, equip. & supplies	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.37
51	Nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.73
511	Paper & paper products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.02
514	Groceries & related products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.57
515	Farm-product raw materials	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.63
518	Beer, wine, & distilled beverages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.19
519	Misc. nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.99

NP Not published but available upon request.
NA Not available.

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1988 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	114,746	120,930	137,528	127,618	131,689	137,210	126,841	138,551	136,994	141,335	138,289	136,599	1,588,330
50	Durable goods	53,465	57,758	67,239	64,491	65,312	68,466	62,555	67,904	68,511	70,825	68,957	67,261	783,744
501	Motor vehicles & auto. equip.	11,193	12,390	13,887	14,500	14,337	14,617	13,335	13,456	12,722	14,893	14,531	14,185	164,046
502	Furniture & home furnishings	1,995	2,232	2,355	2,188	2,177	2,333	2,124	2,463	2,435	2,686	2,604	2,393	27,985
503	Lumber & other construction mat.	3,355	3,753	4,661	4,900	4,840	5,202	4,979	5,272	5,041	5,111	4,482	4,056	55,652
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,600	1,777	1,912	1,802	1,673	1,921	1,832	2,198	2,331	2,460	2,551	2,438	24,495
505	Metals & minerals, ex. petroleum	5,044	5,120	6,519	5,676	5,390	6,036	5,403	5,960	6,542	5,797	5,804	5,676	68,967
506	Electrical goods	7,012	7,707	8,840	8,119	8,285	8,880	8,167	9,201	9,200	9,826	9,778	9,068	104,083
507	Hardware, plumbing & heating equipment	3,350	3,245	3,894	3,779	3,943	4,389	4,198	4,274	3,967	4,263	3,922	3,771	46,995
508	Machinery, equip. & supplies	14,281	15,256	18,056	16,852	17,382	17,890	16,279	18,575	19,145	18,534	18,243	18,692	209,185
509	Miscellaneous durable goods	5,635	6,278	7,115	6,675	7,285	7,198	6,238	6,505	7,128	7,255	7,042	6,982	81,336
51	Nondurable goods	61,281	63,172	70,289	63,127	66,377	68,744	64,286	70,647	68,483	70,510	69,332	69,338	805,586
511	Paper & paper products	3,892	3,991	4,537	3,973	4,016	4,433	4,115	4,641	4,624	4,561	4,488	4,382	51,653
512	Drugs, drug proprietaries and druggists' sundries	2,736	2,823	3,073	2,815	2,932	3,093	2,894	3,266	3,284	3,184	3,121	3,248	36,469
513	Apparel, piece goods & notions	3,468	4,189	4,260	3,410	3,721	4,421	4,358	5,261	4,680	4,668	4,558	3,240	50,234
514	Groceries & related products	17,711	17,430	18,356	17,113	18,719	18,917	18,336	19,480	18,458	19,176	19,905	20,296	223,897
515	Farm-product raw materials	9,872	9,558	10,799	9,456	10,332	10,349	9,352	10,362	10,745	13,110	11,155	10,926	126,016
516	Chemicals & allied products	2,347	2,564	2,977	2,998	3,151	3,377	2,910	3,109	3,016	2,886	2,863	2,578	34,776
517	Petroleum & petroleum products	10,754	10,949	12,245	10,034	10,312	10,504	10,226	10,960	10,473	9,949	10,198	10,867	127,476
518	Beer, wine, & distilled beverages	2,740	3,052	3,729	3,328	3,746	4,122	3,530	4,016	3,741	3,607	3,913	4,201	43,725
519	Misc. nondurable goods	7,761	8,616	10,313	10,000	9,448	9,528	8,565	9,552	9,457	9,369	9,131	9,600	111,340
	Inventories, Total	165,389	168,311	169,731	171,003	168,419	171,341	172,497	172,736	175,787	178,969	178,197	178,884	(X)
50	Durable goods	107,011	109,197	111,114	112,803	111,410	111,500	113,366	113,470	115,469	115,561	114,648	114,176	(X)
501	Motor vehicles & auto. equip.	20,594	21,578	21,041	21,004	20,783	20,307	20,321	20,205	22,000	21,335	21,652	21,851	(X)
502	Furniture & home furnishings	4,008	3,995	4,047	4,225	4,173	4,225	4,243	4,268	4,260	4,174	3,976	3,983	(X)
503	Lumber & other construction mat.	5,606	5,580	5,767	5,908	5,801	5,675	5,748	5,408	5,468	5,498	5,221	5,349	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,099	4,057	4,216	4,234	4,215	4,329	4,434	4,267	4,488	4,418	4,244	4,320	(X)
505	Metals & minerals, ex. petroleum	7,737	7,781	8,120	8,561	8,557	8,968	9,030	8,681	8,763	8,945	8,821	9,027	(X)
506	Electrical goods	13,509	13,724	13,913	14,057	14,095	14,146	14,360	14,551	14,489	14,720	14,509	14,709	(X)
507	Hardware, plumbing & heating equipment	7,025	7,004	7,185	7,283	7,151	7,110	7,355	7,431	7,347	7,396	7,086	7,039	(X)
508	Machinery, equip. & supplies	37,244	38,204	38,548	39,637	39,325	39,175	39,931	40,409	40,804	41,399	41,492	40,346	(X)
509	Miscellaneous durable goods	7,189	7,274	7,677	7,894	7,510	7,565	7,944	8,250	7,850	7,676	7,647	7,552	(X)
51	Nondurable goods	58,378	59,114	58,617	58,200	57,009	59,841	59,131	59,266	60,318	63,408	63,549	64,708	(X)
511	Paper & paper products	3,906	3,847	4,007	3,994	3,889	4,024	4,190	4,092	4,119	4,280	4,172	4,314	(X)
512	Drugs, drug proprietaries and druggists' sundries	4,888	4,795	4,752	5,026	4,688	4,742	4,881	4,924	4,957	4,987	4,838	5,299	(X)
513	Apparel, piece goods & notions	7,486	7,363	7,154	7,113	7,908	8,300	7,917	7,903	7,667	7,379	7,445	7,744	(X)
514	Groceries & related products	12,371	12,274	11,933	12,087	11,941	11,880	12,165	11,890	12,601	13,314	13,188	12,866	(X)
515	Farm-product raw materials	8,627	9,281	8,361	7,897	7,274	8,918	8,671	8,703	9,158	11,276	10,800	11,054	(X)
516	Chemicals & allied products	2,476	2,569	2,584	2,674	2,866	2,770	2,662	2,789	2,619	2,637	2,693	2,881	(X)
517	Petroleum & petroleum products	4,051	3,993	4,037	3,839	3,929	3,954	4,006	3,999	4,237	3,983	3,946	4,255	(X)
518	Beer, wine, & distilled beverages	3,814	4,012	4,083	4,151	3,954	4,034	4,013	4,020	4,087	4,387	4,314	3,804	(X)
519	Misc. nondurable goods	10,759	10,980	11,706	11,419	10,560	11,219	10,626	10,946	10,873	11,165	12,153	12,491	(X)
	Stock/sales ratios, Total	1.44	1.39	1.23	1.34	1.28	1.25	1.36	1.25	1.28	1.27	1.29	1.31	(X)
50	Durable goods	2.00	1.89	1.65	1.75	1.71	1.63	1.81	1.67	1.69	1.63	1.66	1.70	(X)
501	Motor vehicles & auto. equip.	1.84	1.74	1.56	1.45	1.45	1.39	1.52	1.50	1.73	1.43	1.49	1.54	(X)
502	Furniture & home furnishings	2.01	1.79	1.72	1.93	1.92	1.81	2.00	1.73	1.75	1.55	1.53	1.66	(X)
503	Lumber & other construction mat.	1.67	1.49	1.24	1.21	1.16	1.09	1.15	1.03	1.08	1.08	1.16	1.32	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.56	2.28	2.21	2.35	2.52	2.25	2.42	1.94	1.93	1.80	1.66	1.77	(X)
505	Metals & minerals, ex. petroleum	1.53	1.52	1.25	1.51	1.59	1.49	1.67	1.46	1.34	1.54	1.52	1.59	(X)
506	Electrical goods	1.93	1.78	1.57	1.73	1.70	1.59	1.76	1.58	1.57	1.50	1.48	1.62	(X)
507	Hardware, plumbing & heating equipment	2.10	2.16	1.85	1.93	1.81	1.62	1.75	1.74	1.85	1.73	1.81	1.87	(X)
508	Machinery, equip. & supplies	2.61	2.50	2.13	2.35	2.26	2.19	2.45	2.18	2.13	2.23	2.27	2.16	(X)
509	Miscellaneous durable goods	1.28	1.16	1.08	1.18	1.03	1.05	1.27	1.27	1.10	1.06	1.09	1.08	(X)
51	Nondurable goods	.95	.94	.83	.92	.86	.87	.92	.84	.88	.90	.92	.93	(X)
511	Paper & paper products	1.00	.96	.88	1.01	.97	.91	1.02	.88	.89	.94	.93	.98	(X)
512	Drugs, drug proprietaries and druggists' sundries	1.79	1.70	1.55	1.79	1.60	1.53	1.69	1.51	1.51	1.57	1.55	1.63	(X)
513	Apparel, piece goods & notions	2.16	1.76	1.68	2.09	2.13	1.88	1.82	1.50	1.64	1.58	1.63	2.39	(X)
514	Groceries & related products	70	70	65	71	64	63	66	61	68	69	66	63	(X)
515	Farm-product raw materials	87	97	77	84	70	86	93	84	85	86	97	1.01	(X)
516	Chemicals & allied products	1.05	1.00	87	89	91	82	91	90	87	91	94	1.12	(X)
517	Petroleum & petroleum products	38	36	33	38	38	38	39	36	40	40	39	39	(X)
518	Beer, wine, & distilled beverages	1.39	1.31	1.09	1.25	1.06	98	1.14	1.00	1.09	1.22	1.10	91	(X)
519	Misc. nondurable goods	1.39	1.27	1.14	1.14	1.12	1.18	1.24	1.15	1.15	1.19	1.33	1.30	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1987 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	110,161	110,927	125,870	124,907	123,703	126,997	124,130	122,933	126,211	133,623	123,026	128,687	1,482,975
50	Durable goods	51,772	53,255	61,399	61,675	59,557	63,615	61,299	60,549	63,815	67,547	59,813	61,387	725,683
501	Motor vehicles & auto. equip.	11,059	11,463	13,295	12,968	12,999	13,276	12,594	12,306	12,125	14,181	12,567	13,398	152,231
502	Furniture & home furnishings	1,818	1,795	2,079	1,967	1,919	1,993	2,081	2,131	2,559	2,528	2,175	2,142	25,187
503	Lumber & other construction mat.	3,580	3,512	4,462	4,731	4,797	5,566	5,609	5,307	5,508	5,485	4,564	4,185	57,286
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,657	1,799	1,832	1,791	1,534	1,736	1,832	1,972	1,987	2,170	2,000	1,845	22,135
505	Metals & minerals, ex. petroleum	4,255	4,365	5,276	4,700	4,582	4,938	4,774	4,939	5,229	5,089	4,554	5,055	57,756
506	Electrical goods	7,215	7,528	8,202	7,844	7,714	8,273	8,340	8,476	8,700	9,044	8,260	8,090	97,686
507	Hardware, plumbing & heating equipment	3,106	3,163	3,634	3,685	3,509	4,034	3,837	3,713	4,006	4,140	3,692	3,706	44,225
508	Machinery, equip. & supplies	13,721	14,076	16,404	16,345	15,610	16,423	15,760	15,465	16,725	16,641	14,665	15,892	187,737
509	Miscellaneous durable goods	5,361	5,554	6,215	7,644	6,893	7,376	6,452	6,240	6,996	8,289	7,336	7,084	81,440
51	Nondurable goods	58,389	57,672	64,471	63,232	64,146	63,382	62,831	62,384	64,396	66,076	63,213	67,300	757,292
511	Paper & paper products	3,263	3,250	3,545	3,516	3,285	3,701	3,652	3,741	3,922	4,198	3,987	4,211	44,251
512	Drugs, drug proprietaries and druggists' sundries	2,640	2,545	2,715	2,739	2,666	2,803	2,742	2,628	2,892	2,810	2,680	2,928	32,788
513	Apparel, piece goods & notions	3,058	4,038	4,080	3,274	3,086	3,909	4,004	4,417	4,208	4,427	3,774	3,138	45,413
514	Groceries & related products	18,323	17,145	18,220	18,585	19,095	18,719	19,229	18,260	18,098	18,411	18,640	19,552	222,377
515	Farm-product raw materials	8,062	7,529	8,580	8,104	8,392	8,248	7,950	8,217	8,660	9,916	8,882	9,660	102,200
516	Chemicals & allied products	1,873	1,712	2,046	2,112	2,037	2,235	2,120	2,071	2,217	2,380	2,143	2,252	25,198
517	Petroleum & petroleum products	11,682	11,014	12,239	11,118	10,889	10,574	11,045	10,726	11,807	11,390	11,105	11,642	135,231
518	Beer, wine, & distilled beverages	2,771	2,885	3,430	3,663	3,806	3,919	3,866	3,658	3,666	3,737	3,572	4,384	43,357
519	Misc. nondurable goods	6,717	7,554	9,416	10,021	10,890	9,274	8,223	8,666	8,926	8,807	8,450	9,533	106,477
	Inventories, Total	154,389	154,724	155,310	155,306	155,854	156,811	155,385	152,657	156,381	161,467	161,798	162,964	(X)
50	Durable goods	100,406	100,420	102,096	102,753	104,616	104,556	103,769	101,988	103,134	105,397	104,408	105,145	(X)
501	Motor vehicles & auto. equip.	18,873	19,270	19,340	19,352	20,243	19,898	19,348	19,101	20,227	20,171	20,813	20,881	(X)
502	Furniture & home furnishings	3,505	3,535	3,597	3,701	3,914	3,906	4,010	3,939	4,056	3,943	3,897	3,870	(X)
503	Lumber & other construction mat.	4,715	4,796	5,082	5,253	5,378	5,440	5,463	5,145	5,284	5,209	5,063	5,300	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	3,992	4,062	4,161	4,078	4,092	4,179	4,546	4,458	4,455	4,404	4,160	4,003	(X)
505	Metals & minerals, ex. petroleum	7,362	7,051	7,142	7,145	7,231	7,409	7,048	6,707	6,784	7,064	6,994	7,476	(X)
506	Electrical goods	13,263	13,522	13,653	13,390	13,695	13,666	13,652	13,671	13,339	13,694	13,657	13,717	(X)
507	Hardware, plumbing & heating equipment	6,594	6,721	6,923	6,690	6,716	6,770	6,730	6,595	6,837	7,049	6,742	6,852	(X)
508	Machinery, equip. & supplies	35,313	34,604	35,057	35,390	34,763	35,044	34,846	34,484	34,350	35,994	35,051	35,433	(X)
509	Miscellaneous durable goods	6,789	6,859	7,141	7,754	8,584	8,244	8,126	7,688	7,802	7,869	8,081	7,813	(X)
51	Nondurable goods	53,983	54,304	53,214	52,553	51,238	52,255	51,616	50,669	53,247	56,070	57,390	57,819	(X)
511	Paper & paper products	3,590	3,568	3,574	3,560	3,512	3,515	3,515	3,430	3,466	3,684	3,655	3,744	(X)
512	Drugs, drug proprietaries and druggists' sundries	4,274	4,306	4,140	4,294	4,032	4,032	4,193	4,155	4,346	4,661	4,645	4,759	(X)
513	Apparel, piece goods & notions	7,287	7,227	7,071	6,930	7,371	7,782	7,613	7,553	7,637	7,154	7,206	7,474	(X)
514	Groceries & related products	11,888	12,060	11,561	11,644	11,793	11,932	12,302	11,777	12,413	12,779	13,016	12,762	(X)
515	Farm-product raw materials	8,046	7,492	6,795	6,708	5,843	5,895	5,518	5,342	6,121	7,859	8,394	8,378	(X)
516	Chemicals & allied products	2,118	2,272	2,206	2,275	2,347	2,303	2,232	2,304	2,190	2,214	2,258	2,290	(X)
517	Petroleum & petroleum products	4,110	3,647	3,701	3,470	3,505	3,619	3,922	3,624	3,878	3,923	3,924	3,927	(X)
518	Beer, wine, & distilled beverages	4,025	4,412	4,503	4,382	4,308	4,361	4,173	4,149	4,328	4,493	4,375	3,829	(X)
519	Misc. nondurable goods	8,645	9,320	9,643	9,290	8,527	8,816	8,148	8,335	8,866	9,303	9,917	10,656	(X)
	Stock/sales ratios, Total	1.40	1.39	1.24	1.24	1.26	1.23	1.25	1.24	1.22	1.21	1.32	1.27	(X)
50	Durable goods	1.94	1.89	1.66	1.67	1.76	1.64	1.69	1.68	1.62	1.56	1.75	1.71	(X)
501	Motor vehicles & auto. equip.	1.71	1.68	1.45	1.49	1.56	1.50	1.54	1.55	1.67	1.42	1.66	1.56	(X)
502	Furniture & home furnishings	1.93	1.97	1.73	1.88	2.04	1.96	1.93	1.85	1.58	1.56	1.79	1.81	(X)
503	Lumber & other construction mat.	1.32	1.37	1.14	1.11	1.12	.98	.97	.97	.96	.95	1.11	1.27	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.41	2.26	2.27	2.28	2.67	2.41	2.48	2.26	2.26	2.03	2.08	2.17	(X)
505	Metals & minerals, ex. petroleum	1.73	1.62	1.35	1.52	1.58	1.50	1.48	1.36	1.30	1.39	1.53	1.48	(X)
506	Electrical goods	1.84	1.80	1.66	1.71	1.78	1.65	1.64	1.61	1.53	1.51	1.65	1.70	(X)
507	Hardware, plumbing & heating equipment	2.12	2.12	1.91	1.82	1.91	1.68	1.75	1.78	1.71	1.70	1.83	1.85	(X)
508	Machinery, equip. & supplies	2.57	2.46	2.14	2.17	2.23	2.13	2.21	2.23	2.05	2.16	2.39	2.23	(X)
509	Miscellaneous durable goods	1.27	1.23	1.15	1.01	1.25	1.12	1.26	1.26	1.12	.95	1.10	1.07	(X)
51	Nondurable goods	.92	.94	.83	.83	.80	.82	.82	.81	.83	.85	.91	.86	(X)
511	Paper & paper products	1.10	1.10	1.01	1.01	1.07	.95	.96	.92	.88	.88	.92	.89	(X)
512	Drugs, drug proprietaries and druggists' sundries	1.62	1.69	1.52	1.57	1.51	1.44	1.53	1.58	1.50	1.66	1.73	1.63	(X)
513	Apparel, piece goods & notions	2.38	1.79	1.73	2.12	2.39	1.99	1.90	1.71	1.81	1.62	1.91	2.38	(X)
514	Groceries & related products	.65	.70	.64	.62	.62	.64	.64	.64	.69	.69	.70	.65	(X)
515	Farm-product raw materials	1.00	1.00	.79	.83	.70	.71	.69	.65	.71	.79	.95	.87	(X)
516	Chemicals & allied products	1.13	1.33	1.08	1.08	1.15	1.03	1.05	1.11	.99	.93	1.05	1.02	(X)
517	Petroleum & petroleum products	.35	.33	.30	.31	.32	.34	.36	.34	.33	.34	.35	.34	(X)
518	Beer, wine, & distilled beverages	1.45	1.53	1.31	1.20	1.13	1.11	1.08	1.13	1.18	1.20	1.22	.87	(X)
519	Misc. nondurable goods	1.29	1.23	1.02	.93	.78	.95	.99	.96	.99	1.06	1.17	1.12	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1988 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	112,932	103,376	115,031	116,992	115,980	115,422	116,045	112,559	119,399	125,432	113,422	121,488	1,388,127
50	Durable goods	51,829	48,837	54,949	58,183	56,999	57,633	57,458	55,285	59,499	63,347	55,236	59,720	677,975
501	Motor vehicles & auto. equip.	11,168	10,102	11,548	12,428	12,750	13,088	13,599	12,005	12,184	14,329	12,130	13,369	148,700
502	Furniture & home furnishings	1,677	1,647	1,779	1,918	1,951	2,043	1,940	1,976	2,244	2,295	1,859	1,907	23,236
503	Lumber & other construction mat.	3,566	3,342	3,735	4,387	4,627	4,490	4,565	4,566	4,589	4,974	4,097	3,961	51,001
505	Metals & minerals, ex. petroleum	4,456	4,213	4,456	4,351	4,155	4,333	4,277	4,091	4,486	4,616	3,922	4,230	51,590
506	Electrical goods	6,969	6,932	7,663	7,258	7,131	7,664	7,653	7,531	8,430	8,719	7,698	8,283	91,951
507	Hardware, plumbing & heating equipment	3,129	2,963	3,110	3,479	3,663	3,664	3,614	3,373	3,537	3,832	3,276	3,462	41,122
508	Machinery, equip. & supplies	13,479	12,995	14,792	15,619	14,734	14,708	14,559	14,216	14,883	15,292	14,035	16,066	175,398
509	Miscellaneous durable goods	5,856	5,210	6,273	7,034	6,265	6,106	5,605	5,902	7,259	7,084	6,209	5,493	74,298
51	Nondurable goods	61,103	54,539	60,082	58,809	58,990	57,789	58,627	57,274	59,900	62,085	58,186	62,768	710,152
511	Paper & paper products	3,225	2,906	3,130	3,200	3,095	3,163	3,156	3,283	3,198	3,482	3,054	3,375	38,245
512	Drugs, drug proprietaries and druggists' sundries	2,294	2,023	2,231	2,302	2,236	2,236	2,351	2,335	2,512	2,726	2,494	2,860	28,400
514	Groceries & related products	18,113	16,262	18,129	18,140	18,863	18,445	19,244	19,405	18,956	19,300	18,019	18,976	221,852
515	Farm-product raw materials	8,939	7,840	8,519	7,650	8,120	7,051	7,230	8,224	7,007	8,182	8,241	9,050	94,053
518	Beer, wine, & distilled beverages	2,641	2,563	3,117	3,231	3,575	3,619	3,648	3,625	3,342	3,638	3,425	4,221	40,645
519	Misc. nondurable goods	6,988	6,895	8,680	8,985	8,632	8,541	8,285	7,498	8,030	8,641	8,186	8,790	98,151
	Inventories, Total	148,078	148,780	150,027	150,096	148,331	149,812	150,507	150,471	152,703	154,037	153,971	153,167	(X)
50	Durable goods	95,228	96,738	97,848	99,115	99,469	100,321	101,155	101,452	102,619	101,989	102,049	99,954	(X)
501	Motor vehicles & auto. equip.	16,836	16,788	17,300	17,372	17,424	17,863	17,609	17,676	19,017	18,401	19,146	19,153	(X)
502	Furniture & home furnishings	3,233	3,089	3,088	3,020	3,041	2,928	2,995	3,148	3,294	3,059	3,043	3,380	(X)
505	Metals & minerals, ex. petroleum	8,001	7,938	7,566	7,582	7,582	7,676	7,526	7,177	7,161	7,077	6,916	7,298	(X)
506	Electrical goods	12,038	12,072	12,378	12,924	12,351	12,715	13,409	13,244	13,803	13,574	13,660	13,160	(X)
507	Hardware, plumbing & heating equipment	6,225	6,519	6,723	6,802	6,874	6,770	6,790	6,837	6,856	6,867	6,853	6,579	(X)
508	Machinery, equip. & supplies	34,421	35,271	35,766	36,075	36,611	36,609	36,715	37,071	36,237	36,618	36,671	34,701	(X)
51	Nondurable goods	52,850	52,042	52,179	50,981	48,862	49,491	49,352	49,019	50,084	52,048	51,922	53,213	(X)
511	Paper & paper products	3,377	3,397	3,427	3,409	3,362	3,402	3,400	3,432	3,327	3,399	3,435	3,577	(X)
514	Groceries & related products	11,129	11,509	11,519	11,600	11,458	11,693	11,500	11,405	11,654	12,355	12,571	12,290	(X)
515	Farm-product raw materials	9,516	8,700	8,350	7,555	5,981	6,138	5,901	5,697	5,991	7,221	7,300	7,370	(X)
518	Beer, wine, & distilled beverages	3,737	3,928	4,005	4,095	4,022	4,156	4,043	3,899	3,986	4,095	4,266	3,693	(X)
519	Misc. nondurable goods	8,615	8,671	8,940	8,690	8,060	7,763	7,611	7,660	8,089	8,346	7,926	8,711	(X)
	Stock/sales ratios, Total	1.31	1.44	1.30	1.28	1.28	1.30	1.30	1.34	1.28	1.23	1.36	1.26	(X)
50	Durable goods	1.84	1.98	1.78	1.70	1.75	1.74	1.76	1.84	1.72	1.61	1.85	1.70	(X)
501	Motor vehicles & auto. equip.	1.51	1.66	1.50	1.40	1.37	1.36	1.29	1.47	1.56	1.28	1.58	1.43	(X)
502	Furniture & home furnishings	1.93	1.88	1.74	1.57	1.56	1.43	1.54	1.59	1.47	1.33	1.64	1.77	(X)
505	Metals & minerals, ex. petroleum	1.79	1.88	1.70	1.74	1.82	1.77	1.76	1.75	1.60	1.53	1.76	1.73	(X)
506	Electrical goods	1.72	1.74	1.62	1.78	1.73	1.66	1.75	1.76	1.64	1.56	1.77	1.59	(X)
507	Hardware, plumbing & heating equipment	1.99	2.20	2.16	1.96	1.87	1.85	1.88	2.03	1.88	1.74	2.03	1.90	(X)
508	Machinery, equip. & supplies	2.55	2.71	2.42	2.31	2.48	2.49	2.52	2.61	2.43	2.39	2.61	2.16	(X)
51	Nondurable goods	.86	.95	.87	.87	.83	.86	.84	.86	.84	.84	.89	.85	(X)
511	Paper & paper products	1.05	1.17	1.09	1.07	1.09	1.08	1.08	1.05	1.04	.98	1.12	1.06	(X)
514	Groceries & related products	.61	.71	.64	.64	.61	.63	.60	.59	.61	.64	.70	.65	(X)
515	Farm-product raw materials	1.06	1.11	.98	.99	.74	.87	.82	.92	.86	.88	.89	.81	(X)
518	Beer, wine, & distilled beverages	1.41	1.53	1.28	1.27	1.13	1.15	1.11	1.08	1.19	1.13	1.25	.87	(X)
519	Misc. nondurable goods	1.23	1.26	1.03	.97	.93	.91	.92	1.02	1.01	.97	.97	.99	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1985 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	110,712	102,834	115,297	116,687	123,217	110,212	112,732	115,995	111,578	121,057	114,247	117,214	1,371,782
50	Durable goods	50,241	46,882	54,265	54,977	57,708	52,851	53,204	56,405	53,982	59,368	54,308	54,507	648,698
501	Motor vehicles & auto. equip.	10,745	9,558	11,197	11,465	12,681	11,564	11,583	11,624	10,229	12,411	11,659	11,504	136,220
502	Furniture & home furnishings	1,585	1,597	1,715	1,860	1,917	1,887	1,955	1,976	1,922	2,200	1,953	1,875	22,442
503	Lumber & other construction mat.	3,065	2,959	3,581	3,988	4,334	4,144	4,251	4,451	4,220	4,521	4,000	3,387	46,901
505	Metals & minerals, ex. petroleum	4,842	4,351	4,982	4,743	4,987	4,494	4,363	4,718	4,558	4,687	4,007	4,257	55,289
506	Electrical goods	7,084	6,724	7,363	6,919	7,039	7,132	7,290	7,498	7,805	8,559	7,918	8,022	89,353
507	Hardware, plumbing & heating equipment	3,099	2,983	3,061	3,418	3,488	3,180	3,219	3,329	3,111	3,626	3,373	3,131	39,018
508	Machinery, equip. & supplies	13,410	12,896	15,223	15,067	15,435	14,045	13,886	14,671	14,180	15,285	13,662	14,880	172,640
509	Miscellaneous durable goods	5,261	4,618	5,757	6,158	6,477	5,025	5,133	6,508	5,894	6,133	5,882	5,807	68,653
51	Nondurable goods	60,471	55,952	61,032	61,710	65,509	57,361	59,528	59,590	57,596	61,689	59,939	62,707	723,084
511	Paper & paper products	2,834	2,677	2,930	2,958	2,996	2,846	2,907	3,125	2,868	3,254	2,958	2,993	35,344
512	Drugs, drug proprietaries and druggists' sundries	2,130	1,900	2,045	2,183	2,141	1,984	2,132	2,151	2,150	2,353	2,088	2,164	25,423
514	Groceries & related products	16,900	15,795	17,089	17,012	18,428	16,902	17,899	17,635	16,822	17,970	17,495	17,780	207,727
515	Farm-product raw materials	11,171	9,393	9,562	9,102	10,151	7,528	6,940	7,065	6,442	7,859	9,193	9,302	103,708
518	Beer, wine, & distilled beverages	2,511	2,459	2,897	3,156	3,600	3,238	3,671	3,654	3,798	3,101	3,279	3,858	39,222
519	Misc. nondurable goods	6,824	6,730	8,197	8,733	9,673	8,013	8,249	8,109	7,726	7,599	6,506	8,388	94,749
	Inventories, Total	143,067	144,422	145,145	145,123	143,281	144,326	143,676	143,168	144,516	146,992	147,330	147,864	(X)
50	Durable goods	93,020	94,724	95,269	95,881	95,358	96,273	95,879	95,579	96,086	95,784	95,617	95,414	(X)
501	Motor vehicles & auto. equip.	15,873	16,216	16,239	16,561	16,240	16,798	16,154	15,810	16,785	16,703	16,441	17,103	(X)
502	Furniture & home furnishings	2,876	3,019	2,921	2,836	2,936	3,036	3,240	3,223	3,151	3,227	3,121	3,240	(X)
505	Metals & minerals, ex. petroleum	9,253	9,125	9,003	8,623	8,434	8,386	8,287	8,262	8,167	7,764	7,733	7,942	(X)
506	Electrical goods	12,423	12,579	12,569	13,015	12,823	13,014	13,198	13,144	13,136	12,975	12,593	12,307	(X)
507	Hardware, plumbing & heating equipment	6,256	6,415	6,648	6,918	6,975	6,616	6,679	6,469	6,323	6,321	6,307	6,157	(X)
508	Machinery, equip. & supplies	33,230	33,785	34,139	33,893	33,850	34,069	33,887	34,161	33,980	34,379	34,878	34,709	(X)
51	Nondurable goods	50,047	49,698	49,876	49,242	47,923	48,053	47,797	47,589	48,430	51,208	51,713	52,450	(X)
511	Paper & paper products	3,053	3,163	3,145	3,262	3,203	3,250	3,193	3,304	3,221	3,246	3,327	3,339	(X)
514	Groceries & related products	9,497	9,882	9,890	9,864	10,160	10,247	10,035	10,082	10,268	11,117	11,146	11,000	(X)
515	Farm-product raw materials	9,038	8,464	8,061	6,886	5,783	5,598	5,546	5,721	6,429	7,889	8,740	9,399	(X)
518	Beer, wine, & distilled beverages	3,492	3,490	3,700	3,877	3,946	4,026	3,914	3,932	3,942	4,204	4,174	3,632	(X)
519	Misc. nondurable goods	8,536	8,805	9,302	8,841	8,117	8,241	8,044	7,834	8,056	8,205	8,106	8,311	(X)
	Stock/sales ratios, Total	1.29	1.40	1.26	1.24	1.16	1.31	1.27	1.23	1.30	1.21	1.29	1.26	(X)
50	Durable goods	1.85	2.02	1.76	1.74	1.65	1.82	1.80	1.69	1.78	1.61	1.76	1.75	(X)
501	Motor vehicles & auto. equip.	1.48	1.70	1.45	1.45	1.28	1.45	1.39	1.36	1.64	1.35	1.41	1.49	(X)
502	Furniture & home furnishings	1.81	1.89	1.70	1.53	1.53	1.61	1.66	1.63	1.64	1.47	1.60	1.73	(X)
505	Metals & minerals, ex. petroleum	1.91	2.10	1.81	1.82	1.69	1.87	1.90	1.75	1.68	1.66	1.93	1.87	(X)
506	Electrical goods	1.75	1.87	1.71	1.88	1.82	1.82	1.81	1.75	1.68	1.52	1.59	1.53	(X)
507	Hardware, plumbing & heating equipment	2.02	2.15	2.17	2.02	2.00	2.08	2.07	1.94	2.03	1.74	1.87	1.97	(X)
508	Machinery, equip. & supplies	2.48	2.62	2.24	2.25	2.19	2.43	2.44	2.33	2.40	2.25	2.55	2.33	(X)
51	Nondurable goods	.83	.89	.82	.80	.73	.84	.80	.80	.84	.83	.86	.84	(X)
511	Paper & paper products	1.08	1.18	1.07	1.10	1.07	1.14	1.10	1.06	1.12	1.00	1.12	1.12	(X)
514	Groceries & related products	.56	.63	.58	.58	.55	.61	.56	.57	.61	.62	.64	.62	(X)
515	Farm-product raw materials	.81	.90	.84	.76	.57	.74	.80	.81	1.00	1.00	.95	1.01	(X)
518	Beer, wine, & distilled beverages	1.39	1.42	1.28	1.23	1.07	1.24	1.07	1.08	1.04	1.36	1.27	.94	(X)
519	Misc. nondurable goods	1.25	1.31	1.13	1.01	.84	1.03	.98	.97	1.04	1.08	1.25	.90	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1984 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	105,406	104,621	116,957	109,949	122,196	116,967	111,588	116,264	108,544	119,738	115,381	110,733	1,368,344
50	Durable goods	44,621	46,354	52,242	50,329	54,826	54,599	51,595	54,827	51,166	56,820	53,074	49,788	620,241
501	Motor vehicles & auto. equip.	9,328	9,112	10,348	10,118	11,337	11,330	9,943	10,196	9,542	11,248	10,586	10,346	123,434
502	Furniture & home furnishings	1,616	1,756	1,930	1,949	2,210	1,919	1,854	1,933	1,630	2,067	1,990	1,596	22,650
503	Lumber & other construction mat.	3,010	3,155	3,503	3,601	3,972	4,120	4,015	4,487	3,909	4,316	3,782	3,109	44,981
505	Metals & minerals, ex. petroleum	4,729	4,975	5,819	5,322	5,461	5,335	4,823	5,624	5,031	5,038	4,718	4,447	61,322
506	Electrical goods	5,829	6,193	6,975	6,567	7,007	7,307	7,218	7,779	7,877	8,817	7,961	7,621	87,151
507	Hardware, plumbing & heating equipment	2,633	2,647	2,913	2,914	3,117	3,203	3,285	3,354	2,995	3,283	3,080	2,900	36,324
508	Machinery, equip. & supplies	12,032	12,498	14,241	13,613	15,075	14,661	12,729	14,455	13,800	15,214	14,109	13,761	167,188
509	Miscellaneous durable goods	4,475	4,933	5,200	5,035	5,380	5,182	5,429	5,669	4,943	5,368	5,399	4,745	61,758
51	Nondurable goods	60,785	58,267	64,715	59,620	67,370	62,368	59,993	61,437	57,378	62,918	62,307	60,945	738,103
511	Paper & paper products	2,543	2,587	2,778	2,649	2,894	2,957	2,803	3,074	2,753	3,008	2,919	2,641	33,606
512	Drugs, drug proprietaries and druggists' sundries	1,767	1,729	1,859	1,836	1,898	1,846	1,681	1,851	1,887	2,071	1,968	1,947	22,340
514	Groceries & related products	15,837	15,992	17,150	16,713	18,224	17,086	16,795	17,742	16,473	17,317	16,877	16,879	203,085
515	Farm-product raw materials	12,558	11,130	12,592	10,032	13,089	10,237	9,978	10,012	9,153	10,535	12,064	11,778	133,158
518	Beer, wine, & distilled beverages	2,362	2,489	2,942	2,835	3,395	3,345	3,300	3,488	3,004	3,396	3,413	3,589	37,558
519	Misc. nondurable goods	7,178	6,932	8,252	8,337	10,137	9,076	7,620	7,873	6,957	7,925	7,626	7,521	95,434
	Inventories, Total	131,994	133,647	135,036	136,570	135,891	135,611	136,444	137,323	140,337	142,574	144,657	143,485	(X)
50	Durable goods	83,755	85,092	87,282	87,812	88,497	89,957	90,634	91,739	93,511	93,178	93,458	93,953	(X)
501	Motor vehicles & auto. equip.	13,530	13,888	14,053	14,061	13,756	13,758	13,908	14,056	15,855	15,427	15,568	15,960	(X)
502	Furniture & home furnishings	2,604	2,679	2,694	2,708	2,748	2,847	2,732	2,805	2,850	2,858	2,941	2,956	(X)
505	Metals & minerals, ex. petroleum	9,507	9,547	9,620	9,548	9,916	10,175	10,212	10,299	9,750	9,475	9,603	9,488	(X)
506	Electrical goods	9,600	9,635	9,980	10,474	10,849	11,184	11,756	12,034	12,461	12,502	12,467	12,570	(X)
507	Hardware, plumbing & heating equipment	5,330	5,531	5,692	5,824	5,840	5,697	5,883	5,970	5,969	6,000	6,078	6,036	(X)
508	Machinery, equip. & supplies	31,470	31,648	32,648	32,718	33,065	33,845	33,497	33,582	33,643	33,849	33,392	33,635	(X)
51	Nondurable goods	48,239	48,555	47,754	48,758	47,394	45,654	45,810	45,584	46,826	49,396	51,199	49,532	(X)
511	Paper & paper products	2,671	2,765	2,780	2,833	2,942	2,931	2,993	3,012	2,930	2,969	3,073	2,993	(X)
514	Groceries & related products	8,918	9,482	9,338	9,427	9,619	9,330	9,694	9,499	9,813	10,373	10,532	9,798	(X)
515	Farm-product raw materials	9,343	8,702	8,177	8,063	6,624	5,908	5,515	6,139	6,417	7,629	9,108	8,884	(X)
518	Beer, wine, & distilled beverages	3,183	3,307	3,555	3,587	3,417	3,497	3,632	3,444	3,612	3,831	3,830	3,343	(X)
519	Misc. nondurable goods	8,344	8,885	9,323	9,356	8,533	7,826	7,973	7,846	7,768	8,064	8,702	8,708	(X)
	Stock/sales ratios, Total	1.25	1.28	1.15	1.24	1.11	1.16	1.22	1.18	1.29	1.19	1.25	1.30	(X)
50	Durable goods	1.88	1.84	1.67	1.74	1.61	1.65	1.76	1.67	1.83	1.64	1.76	1.89	(X)
501	Motor vehicles & auto. equip.	1.45	1.52	1.36	1.39	1.21	1.21	1.40	1.38	1.66	1.37	1.47	1.54	(X)
502	Furniture & home furnishings	1.61	1.53	1.40	1.39	1.24	1.48	1.47	1.45	1.56	1.38	1.48	1.85	(X)
505	Metals & minerals, ex. petroleum	2.01	1.92	1.65	1.79	1.82	1.91	2.12	1.83	1.94	1.88	2.04	2.13	(X)
506	Electrical goods	1.65	1.56	1.43	1.59	1.55	1.53	1.63	1.55	1.58	1.42	1.57	1.65	(X)
507	Hardware, plumbing & heating equipment	2.02	2.09	1.95	2.00	1.87	1.78	1.79	1.78	1.99	1.83	1.97	2.08	(X)
508	Machinery, equip. & supplies	2.62	2.53	2.29	2.40	2.19	2.31	2.44	2.32	2.44	2.22	2.37	2.44	(X)
51	Nondurable goods	.79	.83	.74	.82	.70	.73	.76	.74	.82	.79	.82	.81	(X)
511	Paper & paper products	1.05	1.07	1.00	1.07	1.02	.99	1.07	.98	1.06	.99	1.05	1.13	(X)
514	Groceries & related products	.56	.59	.54	.56	.53	.55	.58	.54	.60	.60	.62	.58	(X)
515	Farm-product raw materials	.74	.78	.65	.60	.51	.58	.55	.61	.70	.72	.75	.75	(X)
518	Beer, wine, & distilled beverages	1.35	1.33	1.21	1.27	1.01	1.05	1.10	.99	1.20	1.13	1.12	.93	(X)
519	Misc. nondurable goods	1.16	1.28	1.13	1.12	.84	.86	1.05	1.00	1.12	1.02	1.14	1.16	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1987 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	86,386	86,015	102,231	92,326	99,934	104,736	96,152	104,666	104,350	107,792	107,355	108,957	1,202,922
50	Durable goods	37,005	36,063	43,118	39,743	42,265	46,422	42,214	46,391	46,299	46,001	47,215	47,207	521,943
501	Motor vehicles & auto. equip.	7,159	6,915	8,641	8,180	8,311	9,227	8,783	8,918	8,576	9,460	9,395	9,421	102,962
502	Furniture & home furnishings	1,338	1,350	1,676	1,587	1,618	1,686	1,450	1,727	1,763	1,953	1,851	1,708	19,727
503	Lumber & other construction mat.	2,564	2,509	3,071	3,110	3,607	3,969	3,650	3,945	3,735	3,917	3,874	3,114	40,862
505	Metals & minerals, ex. petroleum	3,927	3,492	4,264	3,800	4,072	4,446	4,126	4,462	4,564	4,428	4,444	4,913	50,938
506	Electrical goods	4,353	4,452	5,115	4,856	5,190	5,793	5,687	6,161	6,380	6,360	6,447	6,661	67,455
507	Hardware, plumbing & heating equipment	2,305	2,136	2,508	2,364	2,586	2,767	2,698	3,008	2,899	2,907	2,854	2,846	31,678
508	Machinery, equip. & supplies	10,483	10,387	12,285	10,910	11,788	12,549	10,901	12,375	12,313	12,128	12,304	12,583	140,946
509	Miscellaneous durable goods	3,961	3,873	4,401	3,804	4,050	4,741	3,861	4,632	4,864	5,450	4,906	4,966	53,311
51	Nondurable goods	51,381	49,952	59,113	52,583	57,669	58,314	53,938	58,297	58,051	59,791	60,140	61,750	680,979
511	Paper & paper products	2,213	2,092	2,427	2,145	2,227	2,331	2,110	2,468	2,558	2,519	2,555	2,578	28,223
512	Drugs, drug proprietaries and druggists' sundries	1,521	1,432	1,673	1,548	1,592	1,733	1,542	1,751	1,782	1,761	1,751	1,748	19,632
514	Groceries & related products	14,110	13,907	15,744	14,908	15,995	16,409	15,244	16,289	16,671	15,974	16,109	16,248	187,606
515	Farm-product raw materials	9,244	9,173	10,767	8,606	10,555	9,886	9,338	10,501	10,494	12,402	12,786	12,785	126,519
518	Beer, wine, & distilled beverages	2,271	2,326	3,090	2,777	3,321	3,790	3,113	3,295	3,116	2,913	3,298	3,517	36,825
519	Misc. nondurable goods	6,079	6,055	7,843	7,294	8,715	8,130	6,938	7,248	7,220	7,802	7,161	7,514	87,797
	Inventories, Total	127,793	127,613	128,021	127,553	124,850	124,257	123,919	124,253	127,047	129,801	130,633	131,651	(X)
50	Durable goods	83,054	82,681	82,822	82,609	81,724	81,846	81,799	81,851	83,392	83,148	82,983	84,037	(X)
501	Motor vehicles & auto. equip.	14,429	14,141	13,946	13,912	13,574	13,439	13,309	12,883	13,835	13,994	13,793	13,823	(X)
502	Furniture & home furnishings	2,528	2,564	2,535	2,487	2,457	2,536	2,524	2,586	2,638	2,500	2,533	2,599	(X)
505	Metals & minerals, ex. petroleum	10,759	10,917	10,507	9,961	10,019	9,979	9,806	9,803	10,045	9,612	9,722	9,694	(X)
506	Electrical goods	8,745	8,460	8,576	8,650	8,621	8,791	9,055	9,009	9,177	9,385	9,249	9,355	(X)
507	Hardware, plumbing & heating equipment	5,229	5,281	5,302	5,414	5,313	5,214	5,273	5,187	5,210	5,230	5,326	5,292	(X)
508	Machinery, equip. & supplies	30,844	30,847	31,302	31,250	30,875	30,893	30,407	30,206	30,598	30,820	30,583	31,540	(X)
51	Nondurable goods	44,739	44,932	45,199	44,944	43,126	42,411	42,120	42,402	43,655	46,653	47,650	47,614	(X)
511	Paper & paper products	2,294	2,297	2,308	2,298	2,403	2,408	2,406	2,556	2,564	2,567	2,735	2,690	(X)
514	Groceries & related products	8,001	8,216	8,235	8,065	8,328	8,251	8,192	8,466	8,620	9,018	9,339	9,000	(X)
515	Farm-product raw materials	8,156	7,907	7,670	6,775	5,707	5,327	5,940	6,512	7,116	8,968	9,474	9,306	(X)
518	Beer, wine, & distilled beverages	3,337	3,354	3,444	3,598	3,669	3,640	3,724	3,584	3,441	3,776	3,748	3,139	(X)
519	Misc. nondurable goods	8,185	8,389	8,497	8,422	7,478	7,224	7,122	6,983	7,098	7,394	7,364	7,840	(X)
	Stock/sales ratios, Total	1.45	1.48	1.25	1.38	1.25	1.19	1.29	1.19	1.22	1.20	1.22	1.21	(X)
50	Durable goods	2.24	2.29	1.92	2.08	1.93	1.76	1.94	1.76	1.80	1.73	1.76	1.78	(X)
501	Motor vehicles & auto. equip.	2.02	2.04	1.61	1.70	1.63	1.46	1.52	1.44	1.61	1.48	1.47	1.47	(X)
502	Furniture & home furnishings	1.89	1.90	1.51	1.57	1.52	1.50	1.74	1.50	1.48	1.28	1.37	1.52	(X)
505	Metals & minerals, ex. petroleum	2.74	3.13	2.46	2.62	2.46	2.24	2.38	2.20	2.20	2.17	2.13	1.97	(X)
506	Electrical goods	2.01	1.90	1.68	1.78	1.66	1.52	1.59	1.46	1.44	1.48	1.43	1.40	(X)
507	Hardware, plumbing & heating equipment	2.27	2.47	2.11	2.29	2.05	1.88	1.95	1.72	1.80	1.80	1.87	2.00	(X)
508	Machinery, equip. & supplies	2.95	2.98	2.55	2.86	2.62	2.46	2.79	2.44	2.49	2.54	2.49	2.51	(X)
51	Nondurable goods	.87	.90	.76	.85	.75	.73	.78	.73	.75	.78	.79	.77	(X)
511	Paper & paper products	1.04	1.10	.95	1.07	1.08	1.03	1.14	1.04	1.00	1.02	1.07	1.04	(X)
514	Groceries & related products	.57	.59	.52	.54	.52	.50	.54	.52	.52	.56	.58	.55	(X)
515	Farm-product raw materials	.88	.86	.71	.79	.54	.54	.64	.62	.66	.72	.74	.73	(X)
518	Beer, wine, & distilled beverages	1.47	1.44	1.11	1.30	1.10	.96	1.20	1.09	1.10	1.30	1.14	.89	(X)
519	Misc. nondurable goods	1.35	1.39	1.08	1.15	.86	.89	1.03	.95	.98	.97	1.03	1.04	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1982 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	90,092	90,066	107,180	99,454	98,573	101,204	94,118	95,344	94,640	94,207	95,302	95,302	1,155,481
50	Durable goods	36,812	37,853	44,158	41,228	39,347	41,110	38,884	40,113	40,528	40,537	40,310	39,619	480,299
501	Motor vehicles & auto. equip.	6,616	7,006	8,184	7,715	7,703	8,134	7,754	7,519	7,321	7,790	7,809	7,841	91,394
502	Furniture & home furnishings	1,365	1,438	1,649	1,556	1,363	1,518	1,314	1,383	1,550	1,565	1,486	1,477	17,663
503	Lumber & other construction mat.	2,196	2,194	2,547	2,806	2,785	2,874	2,716	3,142	2,987	2,972	3,088	2,829	33,116
505	Metals & minerals, ex. petroleum	4,853	4,930	5,470	5,053	4,860	4,656	4,117	3,996	3,837	3,720	3,516	3,481	52,489
506	Electrical goods	3,956	4,065	4,752	4,470	4,447	4,990	4,618	4,829	4,909	4,832	4,860	4,909	55,837
507	Hardware, plumbing & heating equipment	2,197	2,108	2,486	2,474	2,345	2,443	2,550	2,547	2,580	2,591	2,498	2,437	29,255
508	Machinery, equip. & supplies	11,131	12,039	13,323	12,452	11,777	12,161	10,967	11,433	11,486	11,191	11,309	11,635	140,896
509	Miscellaneous durable goods	3,372	3,158	4,879	3,678	3,074	3,205	3,566	4,030	4,649	4,823	4,209	3,731	45,994
51	Nondurable goods	53,480	52,212	63,022	58,226	59,226	60,094	55,234	55,231	54,112	53,670	54,992	55,683	675,182
511	Paper & paper products	2,008	1,987	2,274	2,143	2,111	2,262	2,116	2,284	2,229	2,157	2,177	2,230	25,937
512	Drugs, drug proprietaries and druggists' sundries	1,234	1,381	1,667	1,611	1,513	1,653	1,513	1,604	1,604	1,590	1,633	1,653	18,636
514	Groceries & related products	13,306	12,980	14,507	14,099	14,376	15,168	14,975	14,984	15,013	14,927	15,128	15,224	174,687
515	Farm-product raw materials	9,754	9,812	12,441	10,354	11,134	9,670	8,550	8,474	7,730	8,343	9,297	9,019	114,598
518	Beer, wine, & distilled beverages	2,263	2,362	3,032	2,973	2,949	3,315	3,169	3,069	3,158	3,053	3,402	3,691	36,456
519	Misc. nondurable goods	6,052	6,282	7,964	7,827	8,746	8,287	7,234	7,409	7,190	7,222	6,980	7,466	88,492
	Inventories, Total	130,825	128,980	130,162	132,442	130,321	131,074	130,473	128,805	129,729	131,358	130,239	129,408	(X)
50	Durable goods	85,015	85,208	86,299	88,756	87,291	88,262	89,193	87,554	87,898	87,213	85,366	84,580	(X)
501	Motor vehicles & auto. equip.	12,994	13,240	13,784	14,242	13,733	14,569	15,154	14,809	15,091	15,097	14,919	14,569	(X)
502	Furniture & home furnishings	2,507	2,566	2,620	2,474	2,542	2,536	2,432	2,560	2,438	2,447	2,425	2,458	(X)
505	Metals & minerals, ex. petroleum	12,619	12,452	12,452	13,177	12,931	12,601	12,759	12,288	12,016	12,008	11,798	11,544	(X)
506	Electrical goods	8,667	8,904	9,145	9,312	9,196	9,592	9,475	9,427	9,494	9,501	9,304	8,929	(X)
507	Hardware, plumbing & heating equipment	5,439	5,349	5,492	5,788	5,466	5,315	5,639	5,430	5,315	5,207	4,978	5,071	(X)
508	Machinery, equip. & supplies	32,163	32,251	32,492	33,265	33,052	33,194	33,397	32,766	33,275	32,681	31,878	31,511	(X)
51	Nondurable goods	45,810	43,772	43,863	43,686	43,030	42,812	41,280	41,254	42,031	44,145	44,853	44,828	(X)
511	Paper & paper products	2,254	2,257	2,228	2,275	2,313	2,237	2,338	2,374	2,263	2,274	2,322	2,211	(X)
514	Groceries & related products	7,632	7,838	7,735	7,516	7,618	7,902	7,758	7,657	7,982	8,257	8,388	8,214	(X)
515	Farm-product raw materials	7,814	6,809	6,344	5,920	4,716	4,693	4,521	4,415	4,786	5,759	6,874	7,889	(X)
518	Beer, wine, & distilled beverages	3,385	3,278	3,523	3,501	3,589	3,642	3,590	3,520	3,540	3,790	3,929	3,288	(X)
519	Misc. nondurable goods	8,175	8,303	8,557	8,759	7,787	7,445	7,510	7,272	7,382	7,783	7,451	7,833	(X)
	Stock/sales ratios, Total	1.45	1.43	1.21	1.33	1.32	1.30	1.39	1.35	1.37	1.39	1.37	1.36	(X)
50	Durable goods	2.32	2.25	1.95	2.15	2.22	2.15	2.29	2.18	2.16	2.15	2.12	2.13	(X)
501	Motor vehicles & auto. equip.	1.96	1.89	1.68	1.85	1.78	1.79	1.95	1.97	2.06	1.94	1.91	1.86	(X)
502	Furniture & home furnishings	1.84	1.78	1.59	1.59	1.87	1.67	1.85	1.85	1.57	1.56	1.63	1.66	(X)
505	Metals & minerals, ex. petroleum	2.60	2.53	2.28	2.61	2.66	2.71	3.10	3.08	3.13	3.23	3.35	3.32	(X)
506	Electrical goods	2.19	2.19	1.92	2.08	2.07	1.92	1.97	1.95	1.93	1.97	1.91	1.82	(X)
507	Hardware, plumbing & heating equipment	2.48	2.54	2.21	2.34	2.33	2.18	2.21	2.13	2.06	2.01	1.99	2.08	(X)
508	Machinery, equip. & supplies	2.89	2.68	2.44	2.67	2.81	2.73	3.05	2.87	2.90	2.92	2.82	2.71	(X)
51	Nondurable goods	.86	.84	.70	.75	.73	.71	.75	.75	.78	.82	.82	.81	(X)
511	Paper & paper products	1.12	1.15	.98	1.06	1.10	.99	1.11	1.05	1.02	1.05	1.07	.99	(X)
514	Groceries & related products	.57	.60	.53	.53	.53	.52	.52	.51	.53	.55	.55	.54	(X)
515	Farm-product raw materials	.80	.69	.51	.57	.42	.49	.53	.52	.62	.69	.74	.87	(X)
518	Beer, wine, & distilled beverages	1.49	1.39	1.16	1.18	1.22	1.10	1.13	1.15	1.12	1.24	1.15	.89	(X)
519	Misc. nondurable goods	1.35	1.32	1.07	1.15	.89	.90	1.04	.98	1.03	1.08	1.07	1.02	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1981 (Revised)												
		Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	Total
	Sales, Total	100,702	95,931	108,187	105,353	102,519	104,016	101,232	98,833	102,284	104,446	99,00ᵤ	101,657	1,224,160
50	Durable goods	39,151	40,262	45,457	45,280	43,875	46,250	44,342	44,358	44,709	45,012	42,008	42,652	523,356
501	Motor vehicles & auto. equip.	7,091	7,194	8,095	8,196	7,392	7,771	7,601	7,280	6,651	7,725	7,213	7,399	89,608
502	Furniture & home furnishings	1,351	1,394	1,534	1,546	1,469	1,554	1,432	1,514	1,579	1,612	1,500	1,429	17,914
503	Lumber & other construction mat.	2,615	2,564	2,972	3,161	2,965	3,265	3,095	3,128	3,163	3,012	2,592	2,340	34,872
505	Metals & minerals, ex. petroleum	5,478	5,764	6,141	5,933	6,155	6,443	5,937	5,926	6,145	5,599	5,354	5,557	70,432
506	Electrical goods	3,919	4,077	4,547	4,316	4,386	4,734	4,487	4,538	4,846	4,653	4,596	4,709	53,808
507	Hardware, plumbing & heating equipment	2,340	2,248	2,564	2,714	2,597	2,840	2,737	2,680	2,702	2,733	2,497	2,378	31,030
508	Machinery, equip. & supplies	11,037	11,536	13,445	13,209	13,124	13,938	13,550	13,543	13,839	13,736	12,653	13,593	157,203
509	Miscellaneous durable goods	4,456	4,504	5,015	5,090	4,762	4,620	4,235	4,541	4,567	4,700	4,457	4,191	55,138
51	Nondurable goods	61,551	55,669	62,730	60,073	58,644	57,766	56,890	54,475	57,575	59,434	56,992	59,005	700,804
511	Paper & paper products	1,987	1,933	2,130	2,049	2,001	2,103	2,085	2,091	2,216	2,304	2,084	2,089	25,072
512	Drugs, drug proprietaries and druggists' sundries	1,243	1,186	1,340	1,330	1,270	1,326	1,332	1,259	1,402	1,407	1,344	1,417	15,856
514	Groceries & related products	13,556	12,512	14,084	14,061	13,433	14,145	14,266	13,456	13,999	14,264	13,343	14,255	165,374
515	Farm-product raw materials	13,040	10,539	12,857	11,015	10,677	9,053	8,758	8,669	9,973	10,904	10,491	10,923	126,899
518	Beer, wine, & distilled beverages	2,202	2,218	2,700	2,915	2,783	3,113	3,142	2,881	3,012	3,062	3,077	3,578	34,683
519	Misc. nondurable goods	6,699	6,477	8,191	7,702	8,017	7,215	6,902	6,736	7,060	7,202	7,014	7,139	86,354
	Inventories, Total	124,301	126,677	127,363	125,449	125,269	126,270	124,425	126,077	127,592	128,762	131,441	131,427	(X)
50	Durable goods	77,551	79,929	81,053	81,3*8	83,207	82,839	82,480	83,550	84,355	83,585	85,297	84,991	(X)
501	Motor vehicles & auto. equip.	12,245	12,124	12,191	12,009	11,804	12,150	11,636	11,416	11,870	12,030	12,618	13,060	(X)
502	Furniture & home furnishings	2,473	2,513	2,620	2,638	2,587	2,642	2,747	2,634	2,727	2,654	2,566	2,513	(X)
505	Metals & minerals, ex. petroleum	10,460	11,065	10,991	10,9*5	11,681	11,681	11,387	12,040	12,438	12,265	12,452	12,502	(X)
506	Electrical goods	7,364	7,666	7,764	7,887	8,167	8,376	8,2**	8,609	8,684	8,952	8,993	8,837	(X)
507	Hardware, plumbing & heating equipment	5,240	5,329	5,471	5,677	5,629	5,658	5,651	5,561	5,486	5,562	5,425	5,370	(X)
508	Machinery, equip. & supplies	28,783	30,003	30,647	30,506	31,732	31,960	31,298	31,865	31,688	31,083	32,336	32,079	(X)
51	Nondurable goods	46,750	46,748	46,310	44,131	42,062	42,431	41,945	42,527	43,237	45,177	46,144	46,436	(X)
511	Paper & paper products	1,998	2,058	2,086	2,080	2,136	2,191	2,230	2,226	2,246	2,260	2,246	2,271	(X)
514	Groceries & related products	7,738	7,633	8,109	8,079	7,580	7,756	7,481	7,363	7,896	8,085	7,815	7,888	(X)
515	Farm-product raw materials	9,526	8,903	8,016	6,567	5,189	4,733	4,931	4,997	5,039	6,320	7,253	7,536	(X)
518	Beer, wine, & distilled beverages	3,037	3,005	3,031	3,118	3,223	3,378	3,306	3,379	3,395	3,574	3,649	3,198	(X)
519	Misc. nondurable goods	7,700	7,800	7,964	7,489	7,246	6,844	6,801	6,826	6,970	7,081	7,564	7,740	(X)
	Stock/sales ratios, Total	1.23	1.32	1.18	1.19	1.22	1.21	1.23	1.28	1.25	1.23	1.33	1.29	(X)
50	Durable goods	1.98	1.99	1.78	1.80	1.90	1.81	1.86	1.88	1.89	1.86	2.03	1.99	(X)
501	Motor vehicles & auto. equip.	1.73	1.69	1.51	1.47	1.60	1.56	1.53	1.57	1.78	1.56	1.75	1.77	(X)
502	Furniture & home furnishings	1.83	1.80	1.71	1.71	1.76	1.70	1.92	1.74	1.73	1.65	1.71	1.76	(X)
505	Metals & minerals, ex. petroleum	1.91	1.92	1.79	1.85	1.90	1.81	1.92	2.03	2.02	2.19	2.33	2.25	(X)
506	Electrical goods	1.88	1.88	1.71	1.83	1.86	1.77	1.85	1.90	1.79	1.92	1.96	1.88	(X)
507	Hardware, plumbing & heating equipment	2.24	2.37	2.13	2.09	2.17	1.99	2.06	2.07	2.03	2.04	2.17	2.26	(X)
508	Machinery, equip. & supplies	2.61	2.60	2.28	2.31	2.42	2.29	2.31	2.35	2.29	2.26	2.56	2.36	(X)
51	Nondurable goods	.76	.84	.74	.73	.72	.73	.74	.78	.75	.76	.81	.79	(X)
511	Paper & paper products	1.01	1.06	.98	1.02	1.07	1.04	1.07	1.06	1.01	.98	1.08	1.09	(X)
514	Groceries & related products	.57	.61	.58	.57	.56	.55	.52	.55	.56	.57	.59	.55	(X)
515	Farm-product raw materials	.73	.84	.62	.60	.49	.52	.56	.58	.51	.58	.69	.69	(X)
518	Beer, wine, & distilled beverages	1.38	1.35	1.12	1.07	1.16	1.09	1.05	1.17	1.13	1.17	1.19	.89	(X)
519	Misc. nondurable goods	1.15	1.20	.97	.97	.90	.95	.99	1.01	.99	.98	1.08	1.08	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 1B. **Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: December 1980 Through December 1988**-Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1980 (Revised)												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	105,482	(NP)
50	Durable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	42,417	(NP)
501	Motor vehicles & auto. equip.	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	6,883	(NP)
502	Furniture & home furnishings	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,417	(NP)
503	Lumber & other construction mat.	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	2,942	(NP)
505	Metals & minerals, ex. petroleum	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	5,677	(NP)
506	Electrical goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	4,513	(NP)
507	Hardware, plumbing & heating equipment	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	2,339	(NP)
508	Machinery, equip. & supplies	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	12,612	(NP)
509	Miscellaneous durable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	4,986	(NP)
51	Nondurable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	63,045	(NP)
511	Paper & paper products	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,982	(NP)
512	Drugs, drug proprietaries and druggists' sundries	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	1,262	(NP)
514	Groceries & related products	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	13,994	(NP)
515	Farm-product raw materials	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	12,847	(NP)
518	Beer, wine, & distilled beverages	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	3,213	(NP)
519	Misc. nondurable goods	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	(NP)	7,313	(NP)
	Inventories, Total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	124,446	(NA)
50	Durable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	78,290	(NA)
501	Motor vehicles & auto. equip.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12,537	(NA)
502	Furniture & home furnishings	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,467	(NA)
505	Metals & minerals, ex. petroleum	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10,652	(NA)
506	Electrical goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,551	(NA)
507	Hardware, plumbing & heating equipment	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5,099	(NA)
508	Machinery, equip. & supplies	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	29,069	(NA)
51	Nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	46,156	(NA)
511	Paper & paper products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,999	(NA)
514	Groceries & related products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,921	(NA)
515	Farm-product raw materials	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9,398	(NA)
518	Beer, wine, & distilled beverages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,975	(NA)
519	Misc. nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,173	(NA)
	Stock/sales ratios, Total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.18	(X)
50	Durable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.85	(X)
501	Motor vehicles & auto. equip.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.82	(X)
502	Furniture & home furnishings	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.74	(X)
505	Metals & minerals, ex. petroleum	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.88	(X)
506	Electrical goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.67	(X)
507	Hardware, plumbing & heating equipment	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.18	(X)
508	Machinery, equip. & supplies	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.30	(X)
51	Nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.73	(X)
511	Paper & paper products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1.01	(X)
514	Groceries & related products	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.57	(X)
515	Farm-product raw materials	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.73	(X)
518	Beer, wine, & distilled beverages	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.93	(X)
519	Misc. nondurable goods	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.98	(X)

NP Not published but available upon request.
NA Not available.
X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1988											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
	Sales, Total	129,603	131,622	132,885	133,015	133,264	136,289	138,195	139,008	139,682	142,429	141,086	140,205
50	Durable goods	62,709	63,795	64,861	66,081	65,933	66,242	67,262	67,065	67,755	69,275	70,086	70,040
501	Motor vehicles & auto. equip.	12,694	13,550	13,348	14,333	13,913	13,735	13,861	13,486	13,588	14,206	14,478	14,146
502	Furniture & home furnishings	2,246	2,319	2,264	2,206	2,137	2,139	2,180	2,218	2,228	2,342	2,460	2,445
503	Lumber & other construction mat.	5,008	5,366	5,594	5,744	5,408	5,110	5,193	4,999	5,038	5,155	5,019	5,258
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,702	1,715	1,727	1,731	1,765	1,824	1,867	1,914	1,933	1,988	2,059	2,187
505	Metals & minerals, ex. petroleum	5,619	5,477	5,951	6,048	5,760	6,005	6,082	6,102	6,346	6,303	6,527	6,337
506	Electrical goods	7,807	7,897	8,263	8,517	8,517	8,562	8,273	8,641	8,477	8,821	9,087	8,856
507	Hardware, plumbing & heating equipment	4,163	3,803	4,183	4,165	4,165	4,378	4,655	4,472	4,252	4,410	4,284	4,354
508	Machinery, equip. & supplies	16,698	16,701	16,818	16,937	17,316	17,568	17,896	18,452	19,129	19,286	19,216	19,064
509	Miscellaneous durable goods	6,772	6,967	6,733	6,400	6,952	6,921	7,255	6,781	6,764	6,764	6,956	7,393
51	Nondurable goods	66,894	67,827	68,004	66,934	67,331	70,047	70,933	71,943	71,927	73,154	71,000	70,165
511	Paper & paper products	4,154	4,159	4,228	4,137	4,194	4,331	4,468	4,427	4,597	4,607	4,497	4,461
512	Drugs, drug proprietaries and druggists' sundries	2,797	2,895	2,887	2,875	2,946	3,024	3,095	3,173	3,178	3,155	3,111	3,238
513	Apparel, piece goods & notions	4,014	3,879	3,890	3,866	4,051	4,276	4,253	4,187	4,441	4,244	4,462	4,527
514	Groceries & related products	19,839	19,710	19,180	18,777	19,445	19,652	19,795	20,100	19,947	20,807	21,087	21,207
515	Farm-product raw materials	9,714	9,553	9,800	10,056	10,108	11,028	11,294	11,654	12,153	12,875	10,757	9,706
516	Chemicals & allied products	2,226	2,361	2,548	2,684	2,788	2,850	2,849	2,748	2,649	2,584	2,688	2,656
517	Petroleum & petroleum products	11,243	12,225	12,569	11,995	12,211	12,477	12,748	12,817	11,886	11,323	11,329	11,402
518	Beer, wine, & distilled beverages	3,560	3,643	3,590	3,447	3,437	3,521	3,430	3,495	3,584	3,590	3,616	3,533
519	Misc. nondurable goods	9,347	9,402	9,312	9,097	8,151	8,888	8,981	9,342	9,492	9,669	9,453	9,435
	Inventories, Total	168,230	170,632	171,732	173,530	173,418	175,001	177,307	179,165	180,278	181,049	180,327	181,419
50	Durable goods	111,190	112,661	113,694	114,912	113,666	112,674	114,702	115,685	117,294	118,026	117,544	118,069
501	Motor vehicles & auto. equip.	21,755	22,591	22,566	22,056	21,955	21,176	21,795	22,076	22,672	22,492	22,489	22,606
502	Furniture & home furnishings	4,093	4,128	4,224	4,423	4,295	4,428	4,393	4,353	4,384	4,362	4,235	4,174
503	Lumber & other construction mat.	7,213	7,003	7,018	7,075	6,855	6,320	6,414	6,254	6,373	6,508	6,192	6,404
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,169	4,084	4,189	4,237	4,261	4,271	4,233	4,128	4,304	4,274	4,255	4,435
505	Metals & minerals, ex. petroleum	7,717	7,822	8,204	8,648	8,559	8,865	9,068	8,912	9,079	9,277	9,310	9,110
506	Electrical goods	13,564	13,709	13,716	13,843	13,783	13,778	13,752	13,963	13,768	14,139	14,132	14,441
507	Hardware, plumbing & heating equipment	6,952	6,854	6,840	6,872	6,827	6,868	7,098	7,208	7,248	7,319	7,098	7,095
508	Machinery, equip. & supplies	38,329	39,040	39,118	39,944	39,786	39,517	40,360	40,924	41,908	42,221	42,317	42,032
509	Miscellaneous durable goods	7,398	7,430	7,819	7,714	7,345	7,451	7,589	7,867	7,558	7,434	7,516	7,772
51	Nondurable goods	57,040	57,971	58,038	58,718	59,752	62,327	62,605	63,480	62,984	63,023	62,783	63,350
511	Paper & paper products	3,933	3,916	4,055	4,062	4,023	4,138	4,312	4,211	4,367	4,445	4,338	4,423
512	Drugs, drug proprietaries and druggists' sundries	4,985	4,927	4,916	5,215	5,145	5,274	5,429	5,488	5,340	5,194	5,208	5,573
513	Apparel, piece goods & notions	8,017	8,047	8,023	7,945	8,327	8,425	7,991	7,984	7,903	8,123	8,377	8,386
514	Groceries & related products	12,794	12,605	12,491	12,613	12,499	12,398	12,696	12,757	13,071	13,189	13,001	12,981
515	Farm-product raw materials	7,011	7,717	7,532	7,754	8,410	10,273	10,282	10,539	10,176	10,121	9,323	9,278
516	Chemicals & allied products	2,722	2,780	2,836	2,838	3,032	2,968	2,902	3,039	3,019	2,968	2,994	3,256
517	Petroleum & petroleum products	3,540	3,964	3,974	3,946	3,930	3,882	3,900	4,007	3,964	3,763	3,673	3,684
518	Beer, wine, & distilled beverages	4,094	4,153	4,097	4,088	3,983	3,973	4,067	4,135	4,138	4,198	4,185	4,236
519	Misc. nondurable goods	9,944	9,862	10,114	10,257	10,403	10,996	11,026	11,320	11,006	11,022	11,684	11,533
	Stock/sales ratios, Total	1.30	1.30	1.29	1.30	1.30	1.28	1.28	1.29	1.29	1.27	1.28	1.29
50	Durable goods	1.77	1.77	1.75	1.74	1.72	1.70	1.71	1.72	1.73	1.70	1.68	1.69
501	Motor vehicles & auto. equip.	1.71	1.67	1.69	1.54	1.58	1.54	1.57	1.64	1.67	1.58	1.55	1.60
502	Furniture & home furnishings	1.82	1.78	1.87	2.00	2.01	2.07	2.02	1.96	1.97	1.86	1.72	1.71
503	Lumber & other construction mat.	1.44	1.31	1.25	1.23	1.27	1.24	1.24	1.25	1.26	1.26	1.23	1.22
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.45	2.38	2.43	2.45	2.41	2.34	2.27	2.16	2.23	2.15	2.07	2.03
505	Metals & minerals, ex. petroleum	1.37	1.43	1.38	1.43	1.49	1.48	1.49	1.46	1.43	1.47	1.43	1.44
506	Electrical goods	1.74	1.74	1.66	1.63	1.62	1.61	1.66	1.62	1.62	1.60	1.56	1.63
507	Hardware, plumbing & heating equipment	1.67	1.80	1.64	1.65	1.64	1.57	1.52	1.61	1.70	1.66	1.66	1.63
508	Machinery, equip. & supplies	2.30	2.34	2.33	2.36	2.30	2.25	2.26	2.22	2.19	2.19	2.20	2.20
509	Miscellaneous durable goods	1.09	1.07	1.16	1.21	1.06	1.08	1.05	1.16	1.12	1.10	1.08	1.05
51	Nondurable goods	.85	.85	.85	.88	.89	.89	.88	.88	.88	.86	.88	.90
511	Paper & paper products	.95	.94	.96	.98	.96	.96	.97	.95	.95	.96	.96	.99
512	Drugs, drug proprietaries and druggists' sundries	1.78	1.70	1.70	1.81	1.75	1.74	1.75	1.73	1.68	1.65	1.67	1.72
513	Apparel, piece goods & notions	2.00	2.07	2.06	2.06	2.06	1.97	1.88	1.91	1.78	1.91	1.88	1.85
514	Groceries & related products	.64	.64	.65	.67	.64	.63	.64	.63	.66	.63	.62	.61
515	Farm-product raw materials	.72	.81	.77	.77	.83	.93	.91	.90	.84	.79	.87	.96
516	Chemicals & allied products	1.22	1.18	1.11	1.06	1.09	1.04	1.02	1.11	1.14	1.15	1.11	1.23
517	Petroleum & petroleum products	.31	.32	.32	.33	.32	.31	.31	.31	.33	.32	.32	.32
518	Beer, wine, & distilled beverages	1.15	1.14	1.14	1.19	1.16	1.13	1.18	1.18	1.15	1.17	1.16	1.20
519	Misc. nondurable goods	1.06	1.05	1.09	1.13	1.28	1.24	1.23	1.21	1.16	1.14	1.24	1.22

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1987											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	118,114	123,766	123,702	124,607	126,321	126,469	127,422	129,316	130,872	131,196	129,297	128,269
50	Durable goods	57,502	60,379	60,436	60,183	60,853	61,823	62,201	62,570	63,342	63,949	62,343	62,004
501	Motor vehicles & auto. equip.	11,793	13,052	13,122	12,478	12,709	12,477	12,471	12,955	12,890	13,018	13,008	13,141
502	Furniture & home furnishings	2,029	1,977	2,081	1,922	1,936	1,885	2,022	2,041	2,344	2,170	2,129	2,141
503	Lumber & other construction mat.	4,816	4,764	5,027	4,936	5,095	5,408	5,455	5,307	5,494	5,382	5,195	5,274
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,814	1,906	1,767	1,698	1,650	1,715	1,729	1,826	1,698	1,698	1,626	1,627
505	Metals & minerals, ex. petroleum	4,458	4,691	4,886	4,714	4,913	5,000	5,025	5,226	5,151	5,280	5,236	5,457
506	Electrical goods	7,824	8,111	7,941	8,078	8,162	8,018	8,220	8,262	7,922	7,965	7,888	7,547
507	Hardware, plumbing & heating equipment	3,515	3,712	3,873	3,794	3,666	3,962	3,963	4,046	4,255	4,172	4,124	4,110
508	Machinery, equip. & supplies	15,265	15,703	15,610	15,920	15,862	16,002	16,435	16,295	16,567	16,692	16,050	15,448
509	Miscellaneous durable goods	5,988	6,463	6,129	6,643	6,860	7,356	6,881	6,612	7,021	7,572	7,087	7,258
51	Nondurable goods	60,612	63,387	63,266	64,424	65,468	64,646	65,221	66,746	67,530	67,247	66,954	66,265
511	Paper & paper products	3,372	3,466	3,436	3,496	3,505	3,626	3,718	3,774	3,946	4,045	4,134	4,154
512	Drugs, drug proprietaries and druggists' sundries	2,673	2,754	2,688	2,669	2,795	2,776	2,763	2,725	2,781	2,708	2,763	2,807
513	Apparel, piece goods & notions	3,467	3,925	3,831	3,471	3,558	3,673	3,629	3,828	3,891	3,910	3,933	4,065
514	Groceries & related products	19,204	19,462	19,047	19,428	19,680	19,498	19,659	19,448	19,288	19,523	20,264	20,040
515	Farm-product raw materials	7,462	7,807	8,000	8,389	8,395	8,708	9,031	9,623	9,720	9,565	8,747	8,348
516	Chemicals & allied products	1,825	1,739	1,862	1,901	1,893	1,910	1,943	1,964	1,970	2,076	2,080	2,254
517	Petroleum & petroleum products	11,217	11,893	12,176	12,434	12,593	12,335	13,023	13,088	13,319	12,925	12,608	11,985
518	Beer, wine, & distilled beverages	3,530	3,620	3,542	3,629	3,617	3,475	3,441	3,426	3,511	3,524	3,477	3,498
519	Misc. nondurable goods	7,862	8,721	8,684	8,977	9,432	8,645	8,014	8,970	9,104	8,971	8,918	9,118
	Inventories, Total	154,863	154,821	155,164	155,756	158,540	158,686	158,351	157,198	159,621	163,067	163,461	165,568
50	Durable goods	102,423	101,720	102,775	103,171	105,500	104,871	104,396	103,355	104,257	107,267	106,735	108,619
501	Motor vehicles & auto. equip.	19,088	19,468	19,521	19,675	20,931	20,254	20,327	20,531	20,604	21,006	21,547	21,581
502	Furniture & home furnishings	3,456	3,531	3,640	3,794	3,968	4,019	4,081	3,967	4,132	4,091	4,160	4,043
503	Lumber & other construction mat.	5,252	5,149	5,399	5,548	5,817	5,755	5,867	5,717	5,997	6,081	5,927	6,332
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,063	4,090	4,142	4,080	4,151	4,172	4,416	4,332	4,315	4,267	4,144	4,121
505	Metals & minerals, ex. petroleum	7,226	7,005	7,175	7,186	7,209	7,351	7,037	6,839	7,012	7,310	7,297	7,538
506	Electrical goods	13,657	13,824	13,788	13,424	13,592	13,508	13,200	13,230	12,730	13,223	13,303	13,482
507	Hardware, plumbing & heating equipment	6,743	6,701	6,722	6,406	6,487	6,643	6,591	6,446	6,778	7,025	6,745	6,906
508	Machinery, equip. & supplies	35,793	34,881	35,071	35,349	34,845	35,039	35,066	34,718	35,161	36,597	35,695	36,838
509	Miscellaneous durable goods	7,145	7,071	7,317	7,709	8,500	8,130	7,811	7,575	7,528	7,667	7,917	7,778
51	Nondurable goods	52,440	53,101	52,389	52,585	53,040	53,815	53,955	53,843	55,364	55,800	56,726	56,969
511	Paper & paper products	3,573	3,532	3,549	3,550	3,549	3,554	3,584	3,474	3,649	3,840	3,773	3,865
512	Drugs, drug proprietaries and druggists' sundries	4,361	4,330	4,143	4,374	4,333	4,412	4,603	4,607	4,663	4,831	4,977	5,001
513	Apparel, piece goods & notions	7,422	7,501	7,545	7,359	7,479	7,670	7,511	7,574	7,752	7,710	8,082	8,078
514	Groceries & related products	12,091	12,030	11,809	11,917	12,065	12,178	12,677	12,462	12,771	12,625	12,807	12,889
515	Farm-product raw materials	6,518	6,412	6,226	6,687	6,847	6,933	6,621	6,529	6,884	7,166	7,137	7,014
516	Chemicals & allied products	2,164	2,281	2,261	2,264	2,371	2,347	2,339	2,446	2,468	2,443	2,481	2,583
517	Petroleum & petroleum products	3,714	3,758	3,800	3,655	3,578	3,632	3,892	3,714	3,720	3,742	3,663	3,422
518	Beer, wine, & distilled beverages	4,268	4,544	4,477	4,266	4,311	4,263	4,169	4,239	4,356	4,280	4,248	4,278
519	Misc. nondurable goods	8,329	8,713	8,579	8,513	8,507	8,826	8,559	8,798	9,101	9,163	9,558	9,839
	Stock/sales ratios, Total	1.31	1.25	1.25	1.25	1.26	1.25	1.24	1.22	1.22	1.24	1.26	1.29
50	Durable goods	1.78	1.68	1.70	1.71	1.73	1.70	1.68	1.65	1.65	1.68	1.71	1.75
501	Motor vehicles & auto. equip.	1.62	1.49	1.49	1.58	1.65	1.62	1.63	1.58	1.60	1.61	1.66	1.64
502	Furniture & home furnishings	1.70	1.79	1.75	1.97	2.05	2.13	2.02	1.94	1.76	1.89	1.95	1.89
503	Lumber & other construction mat.	1.09	1.08	1.07	1.12	1.14	1.06	1.08	1.08	1.09	1.13	1.14	1.20
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.24	2.15	2.34	2.40	2.52	2.43	2.55	2.37	2.54	2.51	2.55	2.53
505	Metals & minerals, ex. petroleum	1.62	1.49	1.47	1.52	1.47	1.47	1.40	1.31	1.36	1.38	1.39	1.38
506	Electrical goods	1.75	1.70	1.74	1.66	1.67	1.68	1.61	1.60	1.61	1.66	1.69	1.79
507	Hardware, plumbing & heating equipment	1.92	1.81	1.74	1.69	1.77	1.68	1.66	1.59	1.59	1.68	1.64	1.68
508	Machinery, equip. & supplies	2.34	2.22	2.25	2.22	2.20	2.19	2.13	2.13	2.12	2.19	2.22	2.38
509	Miscellaneous durable goods	1.19	1.09	1.19	1.16	1.24	1.11	1.14	1.15	1.07	1.01	1.12	1.07
51	Nondurable goods	87	84	83	82	81	83	83	81	82	83	85	86
511	Paper & paper products	1.06	1.02	1.03	1.02	1.01	98	96	92	92	95	91	93
512	Drugs, drug proprietaries and druggists' sundries	1.63	1.57	1.54	1.62	1.55	1.59	1.67	1.69	1.68	1.78	1.80	1.78
513	Apparel, piece goods & notions	2.14	1.91	1.97	2.12	2.10	2.09	2.07	1.98	1.99	1.97	2.05	1.99
514	Groceries & related products	63	62	62	61	61	62	64	64	66	65	63	64
515	Farm-product raw materials	87	82	78	80	82	80	73	68	71	75	82	84
516	Chemicals & allied products	1.19	1.31	1.21	1.19	1.25	1.23	1.20	1.25	1.25	1.18	1.19	1.15
517	Petroleum & petroleum products	33	32	31	29	28	29	30	28	28	29	29	29
518	Beer, wine, & distilled beverages	1.21	1.26	1.26	1.18	1.19	1.23	1.21	1.24	1.24	1.21	1.22	1.22
519	Misc. nondurable goods	1.06	1.00	99	95	90	1.02	1.07	99	1.00	1.02	1.07	1.08

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1986											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	116,340	113,896	114,090	115,070	111,540	114,827	115,526	115,558	119,262	117,973	118,767	119,391
50	Durable goods	55,572	55,072	54,992	56,805	55,437	56,405	57,064	56,224	58,445	57,937	58,202	58,986
501	Motor vehicles & auto. equip.	11,557	11,499	11,515	12,067	11,872	12,587	13,158	12,542	12,924	13,035	12,643	13,071
502	Furniture & home furnishings	1,842	1,854	1,832	1,889	1,949	2,014	1,922	1,982	2,122	1,961	1,904	1,948
503	Lumber & other construction mat.	4,520	4,470	4,289	4,567	4,607	4,307	4,457	4,478	4,472	4,593	4,649	4,809
505	Metals & minerals, ex. petroleum	4,413	4,434	4,164	4,266	4,103	4,212	4,355	4,103	4,284	4,428	4,483	4,420
506	Electrical goods	7,582	7,666	7,680	7,634	7,516	7,710	7,632	7,519	7,845	7,769	7,561	7,828
507	Hardware, plumbing & heating equipment	3,318	3,290	3,281	3,348	3,464	3,473	3,445	3,371	3,450	3,519	3,518	3,638
508	Machinery, equip. & supplies	14,409	14,290	14,372	14,686	14,219	14,452	14,665	14,515	14,536	14,551	15,261	15,560
509	Miscellaneous durable goods	6,248	5,919	6,232	6,582	5,873	6,020	5,840	6,082	7,063	6,278	6,348	5,853
51	Nondurable goods	60,768	58,824	59,098	58,265	56,103	58,422	58,462	59,334	60,817	60,036	60,565	60,425
511	Paper & paper products	3,229	3,085	3,132	3,154	3,110	3,169	3,153	3,237	3,178	3,229	3,238	3,371
512	Drugs, drug proprietaries and druggists' sundries	2,311	2,273	2,363	2,314	2,357	2,348	2,438	2,512	2,517	2,620	2,663	2,646
514	Groceries & related products	18,075	17,629	18,200	17,963	17,863	18,363	18,437	19,468	19,116	18,944	18,949	18,825
515	Farm-product raw materials	8,203	8,072	7,995	7,915	7,432	7,808	8,055	7,464	7,799	7,977	7,648	7,775
518	Beer, wine, & distilled beverages	3,295	3,308	3,459	3,291	3,351	3,407	3,320	3,454	3,328	3,378	3,494	3,507
519	Misc. nondurable goods	7,956	8,083	8,301	8,237	7,114	8,127	8,273	7,918	8,283	8,657	8,938	8,515
	Inventories, Total	147,986	148,365	149,290	149,756	149,971	150,840	152,340	153,278	153,615	153,103	153,358	152,887
50	Durable goods	97,012	97,734	98,113	98,936	99,584	99,736	100,874	101,653	102,092	101,812	102,536	100,871
501	Motor vehicles & auto. equip.	16,938	16,754	17,214	17,286	17,636	17,774	18,024	18,374	18,644	18,201	18,844	18,851
502	Furniture & home furnishings	3,192	3,061	3,100	3,078	3,047	2,940	3,013	3,108	3,265	3,061	3,077	3,347
505	Metals & minerals, ex. petroleum	7,914	7,938	7,604	7,666	7,559	7,540	7,444	7,156	7,219	7,221	7,086	7,211
506	Electrical goods	12,410	12,420	12,631	12,989	12,426	12,715	13,095	12,984	13,323	13,295	13,606	13,374
507	Hardware, plumbing & heating equipment	6,378	6,519	6,553	6,547	6,700	6,723	6,723	6,923	6,751	6,789	6,782	6,832
508	Machinery, equip. & supplies	34,874	35,591	35,624	35,860	36,429	36,211	36,532	36,923	36,419	36,436	36,967	34,840
51	Nondurable goods	50,974	50,631	51,177	50,820	50,387	51,104	51,466	51,625	51,533	51,291	50,822	52,016
511	Paper & paper products	3,370	3,370	3,410	3,395	3,352	3,392	3,410	3,395	3,412	3,454	3,435	3,566
514	Groceries & related products	11,310	11,373	11,600	11,729	11,516	11,716	11,735	11,794	11,784	11,903	12,041	12,156
515	Farm-product raw materials	7,712	7,559	7,717	7,601	7,223	7,531	7,432	7,148	6,863	6,723	6,245	6,204
518	Beer, wine, & distilled beverages	3,963	4,079	3,977	3,983	3,994	4,027	3,995	3,954	3,970	3,871	4,071	4,072
519	Misc. nondurable goods	8,324	8,081	8,040	8,084	8,208	8,103	8,166	8,308	8,533	8,586	8,146	8,507
	Stock/sales ratios, Total	1.27	1.30	1.31	1.30	1.34	1.31	1.32	1.33	1.29	1.30	1.29	1.28
50	Durable goods	1.75	1.77	1.78	1.74	1.80	1.77	1.77	1.81	1.75	1.76	1.76	1.71
501	Motor vehicles & auto. equip.	1.47	1.46	1.49	1.43	1.49	1.41	1.37	1.46	1.44	1.40	1.49	1.44
502	Furniture & home furnishings	1.73	1.65	1.69	1.63	1.56	1.46	1.57	1.58	1.54	1.57	1.62	1.72
505	Metals & minerals, ex. petroleum	1.79	1.79	1.83	1.80	1.84	1.79	1.71	1.74	1.69	1.63	1.58	1.63
506	Electrical goods	1.64	1.62	1.64	1.70	1.65	1.65	1.72	1.73	1.70	1.71	1.80	1.71
507	Hardware, plumbing & heating equipment	1.92	1.98	2.00	1.96	1.93	1.94	1.95	2.02	1.96	1.93	1.93	1.88
508	Machinery, equip. & supplies	2.42	2.49	2.48	2.44	2.56	2.51	2.49	2.54	2.51	2.50	2.42	2.24
51	Nondurable goods	.84	.86	.87	.87	.90	.87	.88	.87	.85	.85	.84	.86
511	Paper & paper products	1.04	1.09	1.09	1.08	1.08	1.07	1.08	1.05	1.07	1.07	1.06	1.06
514	Groceries & related products	.63	.65	.64	.65	.64	.64	.64	.61	.62	.63	.64	.65
515	Farm-product raw materials	.94	.94	.97	.96	.97	.96	.92	.96	.88	.84	.82	.80
518	Beer, wine, & distilled beverages	1.20	1.23	1.15	1.21	1.19	1.18	1.20	1.14	1.19	1.15	1.17	1.16
519	Misc. nondurable goods	1.05	1.00	.97	.98	1.15	1.00	.99	1.05	1.03	.99	.91	1.00

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1985											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	113,366	113,311	114,474	115,591	116,316	112,498	113,207	115,801	114,390	113,476	116,000	116,937
50	Durable goods	53,483	52,784	54,400	53,934	54,973	53,082	53,334	55,402	54,311	54,272	55,716	55,811
501	Motor vehicles & auto. equip.	10,987	10,837	11,152	11,174	11,634	11,293	11,356	11,682	11,179	11,262	11,861	11,597
502	Furniture & home furnishings	1,732	1,786	1,741	1,824	1,856	1,898	1,957	1,933	1,868	1,887	1,957	1,978
503	Lumber & other construction mat.	3,831	3,931	4,160	4,178	4,169	4,172	4,108	4,236	4,234	4,205	4,378	4,198
505	Metals & minerals, ex. petroleum	4,871	4,609	4,669	4,682	4,750	4,535	4,489	4,625	4,721	4,533	4,433	4,444
506	Electrical goods	7,642	7,446	7,400	7,245	7,302	7,204	7,247	7,337	7,426	7,642	7,732	7,736
507	Hardware, plumbing & heating equipment	3,279	3,363	3,256	3,312	3,275	3,139	3,060	3,192	3,127	3,302	3,438	3,317
508	Machinery, equip. & supplies	14,266	14,203	14,722	14,336	14,548	14,101	14,083	14,613	14,352	14,406	14,306	14,646
509	Miscellaneous durable goods	5,550	5,230	5,887	5,798	6,053	5,262	5,466	6,198	5,745	5,408	5,947	6,251
51	Nondurable goods	59,883	60,527	60,074	61,657	61,343	59,416	59,873	60,399	60,079	59,204	60,284	61,126
511	Paper & paper products	2,820	2,851	2,907	2,935	2,932	2,925	2,948	2,982	2,948	3,019	3,031	3,045
512	Drugs, drug proprietaries and druggists' sundries	2,110	2,127	2,139	2,207	2,184	2,119	2,250	2,266	2,239	2,260	2,241	2,243
514	Groceries & related products	16,917	17,225	17,279	17,132	17,271	17,090	17,395	17,255	17,218	17,413	17,852	17,816
515	Farm-product raw materials	10,055	9,684	9,133	9,297	9,237	8,506	7,746	7,956	7,561	7,492	8,327	8,246
518	Beer, wine, & distilled beverages	3,115	3,173	3,145	3,264	3,246	3,116	3,390	3,380	3,907	2,885	3,227	3,334
519	Misc. nondurable goods	7,746	7,890	7,897	7,997	7,763	7,856	8,224	8,368	8,124	7,591	6,983	8,313
	Inventories, Total	142,670	144,037	144,316	144,682	144,709	145,284	145,495	145,925	145,489	146,012	146,465	147,145
50	Durable goods	94,622	95,639	95,434	95,642	95,451	95,735	95,538	95,672	95,501	95,601	96,120	96,208
501	Motor vehicles & auto. equip.	15,937	16,200	16,158	16,476	16,437	16,781	16,534	16,417	16,472	16,472	16,198	16,850
502	Furniture & home furnishings	2,856	2,989	2,921	2,890	2,948	3,039	3,269	3,175	3,126	3,253	3,156	3,208
505	Metals & minerals, ex. petroleum	9,235	9,125	9,066	8,754	8,417	8,254	8,181	8,229	8,192	7,898	7,867	7,856
506	Electrical goods	12,807	12,968	12,839	13,080	12,913	12,988	12,876	12,899	12,704	12,696	12,543	12,507
507	Hardware, plumbing & heating equipment	6,397	6,415	6,499	6,656	6,798	6,590	6,605	6,450	6,406	6,437	6,423	6,387
508	Machinery, equip. & supplies	33,702	34,092	33,969	33,682	33,685	33,718	34,059	34,048	34,242	35,195	34,848	
51	Nondurable goods	48,248	48,398	48,882	49,040	49,258	49,549	49,957	50,253	49,988	50,411	50,345	50,937
511	Paper & paper products	3,062	3,147	3,142	3,259	3,184	3,237	3,193	3,258	3,290	3,299	3,314	3,346
514	Groceries & related products	9,671	9,774	9,940	9,994	10,211	10,268	10,240	10,415	10,372	10,700	10,666	10,902
515	Farm-product raw materials	7,289	7,347	7,416	6,928	7,035	6,945	7,011	7,142	7,373	7,414	7,445	7,859
518	Beer, wine, & distilled beverages	3,711	3,643	3,693	3,786	3,815	3,909	3,845	3,980	3,938	3,970	3,960	4,004
519	Misc. nondurable goods	8,216	8,198	8,373	8,163	8,241	8,629	8,603	8,497	8,534	8,433	8,365	8,148
	Stock/sales ratios, Total	1.26	1.27	1.26	1.25	1.24	1.29	1.29	1.26	1.27	1.29	1.26	1.26
50	Durable goods	1.77	1.81	1.75	1.77	1.74	1.80	1.79	1.73	1.76	1.76	1.73	1.72
501	Motor vehicles & auto. equip.	1.45	1.49	1.45	1.47	1.41	1.49	1.46	1.41	1.47	1.46	1.37	1.45
502	Furniture & home furnishings	1.65	1.67	1.68	1.58	1.59	1.60	1.67	1.64	1.67	1.72	1.61	1.62
505	Metals & minerals, ex. petroleum	1.90	1.98	1.94	1.87	1.77	1.82	1.82	1.78	1.74	1.74	1.77	1.77
506	Electrical goods	1.68	1.74	1.73	1.81	1.77	1.80	1.78	1.76	1.71	1.66	1.62	1.62
507	Hardware, plumbing & heating equipment	1.95	1.91	2.00	2.01	2.08	2.10	2.16	2.02	2.05	1.95	1.87	1.93
508	Machinery, equip. & supplies	2.36	2.40	2.31	2.35	2.32	2.39	2.39	2.33	2.37	2.38	2.46	2.38
51	Nondurable goods	81	80	81	80	80	83	83	83	83	85	84	83
511	Paper & paper products	1.09	1.10	1.08	1.11	1.09	1.11	1.08	1.09	1.12	1.09	1.09	1.10
514	Groceries & related products	57	57	58	58	59	60	59	60	60	61	60	61
515	Farm-product raw materials	72	76	81	75	76	82	91	90	98	99	89	95
518	Beer, wine, & distilled beverages	1.19	1.15	1.17	1.16	1.18	1.25	1.13	1.18	1.01	1.38	1.23	1.20
519	Misc. nondurable goods	1.06	1.04	1.06	1.02	1.06	1.10	1.05	1.02	1.05	1.11	1.20	98

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1984											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	110,761	110,375	111,916	112,059	114,607	116,446	114,955	113,539	114,431	113,146	113,419	113,104
50	Durable goods	48,968	49,807	50,468	50,738	52,124	53,534	52,828	52,284	52,774	52,608	52,568	52,235
501	Motor vehicles & auto. equip.	9,945	9,787	9,818	10,128	10,391	10,832	10,013	10,035	10,626	10,444	10,430	10,721
502	Furniture & home furnishings	1,806	1,858	1,894	1,943	2,141	1,885	1,935	1,852	1,828	1,787	1,936	1,725
503	Lumber & other construction mat.	3,746	3,866	3,348	3,755	3,743	3,943	3,930	3,994	4,007	3,947	3,894	3,921
505	Metals & minerals, ex. petroleum	4,921	5,035	5,334	5,301	5,181	5,261	5,045	5,331	5,123	4,959	4,961	4,731
506	Electrical goods	6,420	6,609	6,892	7,016	7,165	7,227	7,240	7,509	7,596	7,986	7,662	7,472
507	Hardware, plumbing & heating equipment	2,856	2,887	2,975	2,929	2,952	3,077	3,205	3,123	3,075	2,987	3,056	3,156
508	Machinery, equip. & supplies	13,222	13,197	13,473	13,505	14,089	14,276	14,227	13,966	14,286	14,421	14,338	14,114
509	Miscellaneous durable goods	4,869	5,362	4,952	4,903	5,134	5,460	5,876	5,225	5,034	4,832	5,036	5,108
51	Nondurable goods	61,793	60,568	61,448	61,321	62,483	62,912	62,127	61,255	61,657	60,538	60,851	60,869
511	Paper & paper products	2,616	2,656	2,658	2,742	2,810	2,951	2,911	2,868	2,883	2,822	2,879	2,798
512	Drugs, drug proprietaries and druggists' sundries	1,804	1,835	1,867	1,885	1,887	1,905	1,788	1,864	1,966	1,992	2,018	2,081
514	Groceries & related products	16,463	16,658	16,863	17,159	17,064	16,934	16,761	17,027	17,053	16,862	16,860	17,208
515	Farm-product raw materials	11,747	11,163	11,243	10,787	11,593	11,200	11,456	11,162	11,001	10,052	10,724	10,796
518	Beer, wine, & distilled beverages	3,076	3,062	3,071	3,026	3,075	3,126	3,143	3,131	3,159	3,213	3,187	3,230
519	Misc. nondurable goods	8,175	7,798	7,748	7,850	8,228	8,636	7,744	7,889	7,620	7,831	7,894	7,698
	Inventories, Total	131,492	133,103	133,990	135,965	137,312	136,575	138,159	139,957	141,197	141,530	143,597	142,622
50	Durable goods	85,150	85,850	87,344	87,509	88,512	89,390	90,249	91,734	92,838	92,927	93,917	94,566
501	Motor vehicles & auto. equip.	13,571	13,874	13,983	13,949	13,923	13,786	14,206	14,581	15,590	15,199	15,353	15,724
502	Furniture & home furnishings	2,604	2,647	2,678	2,752	2,767	2,836	2,762	2,761	2,825	2,878	2,977	2,935
505	Metals & minerals, ex. petroleum	9,574	9,557	9,698	9,743	9,886	10,044	10,071	10,238	9,721	9,610	9,690	9,403
506	Electrical goods	9,897	9,954	10,204	10,537	10,936	11,128	11,480	11,810	12,086	12,197	12,405	12,748
507	Hardware, plumbing & heating equipment	5,433	5,542	5,586	5,600	5,703	5,674	5,808	5,958	6,048	6,104	6,189	6,255
508	Machinery, equip. & supplies	31,982	31,935	32,486	32,458	32,868	33,444	33,364	33,515	33,643	33,748	33,763	33,770
51	Nondurable goods	46,342	47,253	46,646	48,456	48,800	47,185	47,910	48,223	48,359	48,603	49,680	48,056
511	Paper & paper products	2,693	2,759	2,791	2,844	2,919	2,916	2,984	2,965	2,975	3,011	3,049	3,008
514	Groceries & related products	9,100	9,379	9,347	9,580	9,677	9,349	9,902	9,803	9,882	9,984	10,069	9,730
515	Farm-product raw materials	7,474	7,502	7,468	8,144	8,128	7,441	7,008	7,636	7,401	7,238	7,732	7,342
518	Beer, wine, & distilled beverages	3,375	3,477	3,576	3,524	3,383	3,398	3,554	3,465	3,619	3,611	3,610	3,678
519	Misc. nondurable goods	8,000	8,265	8,399	8,576	8,645	8,212	8,491	8,528	8,264	8,296	9,008	8,605
	Stock/sales ratios, Total	1.19	1.21	1.20	1.21	1.20	1.17	1.20	1.23	1.23	1.25	1.27	1.26
50	Durable goods	1.74	1.72	1.73	1.72	1.70	1.67	1.71	1.75	1.76	1.77	1.79	1.81
501	Motor vehicles & auto. equip.	1.36	1.42	1.42	1.36	1.34	1.27	1.42	1.45	1.47	1.46	1.47	1.47
502	Furniture & home furnishings	1.44	1.42	1.41	1.42	1.29	1.50	1.43	1.49	1.55	1.61	1.54	1.70
505	Metals & minerals, ex. petroleum	1.95	1.90	1.82	1.84	1.91	1.91	2.00	1.92	1.90	1.94	1.95	1.99
506	Electrical goods	1.54	1.51	1.48	1.50	1.53	1.54	1.59	1.57	1.59	1.53	1.62	1.71
507	Hardware, plumbing & heating equipment	1.90	1.92	1.88	1.91	1.93	1.84	1.81	1.91	1.97	2.04	2.03	1.98
508	Machinery, equip. & supplies	2.42	2.42	2.41	2.40	2.33	2.34	2.35	2.40	2.35	2.34	2.35	2.39
51	Nondurable goods	.75	.78	.76	.79	.78	.75	.77	.79	.78	.80	.82	.79
511	Paper & paper products	1.03	1.04	1.05	1.04	1.04	.99	1.03	1.03	1.03	1.07	1.06	1.08
514	Groceries & related products	.55	.56	.55	.56	.57	.55	.59	.58	.58	.59	.60	.57
515	Farm-product raw materials	.64	.67	.66	.75	.70	.66	.61	.68	.67	.72	.72	.68
518	Beer, wine, & distilled beverages	1.10	1.14	1.16	1.16	1.10	1.09	1.13	1.11	1.15	1.12	1.13	1.14
519	Misc. nondurable goods	.98	1.06	1.08	1.09	1.05	.95	1.10	1.08	1.08	1.06	1.14	1.12

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2A. **Original Adjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data adjusted for seasonal variation and, in the case of sales, also for trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1983											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Sales, Total	95,358	94,287	95,148	94,216	96,813	100,737	101,634	102,492	104,299	106,736	105,727	108,359
50	Durable goods	41,659	40,098	40,412	40,201	41,586	43,880	44,276	44,373	45,013	46,627	46,907	48,072
501	Motor vehicles & auto. equip.	7,798	7,616	7,935	8,059	8,030	8,528	9,045	8,821	9,061	9,235	9,320	9,487
502	Furniture & home furnishings	1,520	1,484	1,575	1,568	1,620	1,613	1,573	1,670	1,698	1,795	1,787	1,800
503	Lumber & other construction mat.	3,173	3,126	3,186	3,230	3,471	3,563	3,651	3,460	3,506	3,727	3,694	3,708
505	Metals & minerals, ex. petroleum	4,214	3,680	3,804	3,854	3,950	4,175	4,432	4,340	4,388	4,589	4,716	5,044
506	Electrical goods	4,897	4,947	4,961	5,188	5,367	5,581	5,803	5,901	5,985	6,017	6,169	6,461
507	Hardware, plumbing & heating equipment	2,555	2,444	2,488	2,362	2,550	2,615	2,685	2,775	2,793	2,787	2,834	2,806
508	Machinery, equip. & supplies	11,999	11,380	11,260	10,823	11,335	11,917	11,609	11,876	12,024	12,201	12,366	12,513
509	Miscellaneous durable goods	4,324	4,289	4,083	3,934	4,133	4,676	4,378	4,428	4,311	5,000	4,815	5,059
51	Nondurable goods	53,699	54,189	54,736	54,015	55,227	56,857	57,358	58,119	59,286	60,109	58,820	60,178
511	Paper & paper products	2,359	2,230	2,251	2,216	2,236	2,265	2,257	2,331	2,483	2,509	2,530	2,620
512	Drugs, drug proprietaries and druggists' sundries	1,596	1,567	1,581	1,574	1,615	1,693	1,676	1,747	1,766	1,774	1,759	1,798
514	Groceries & related products	14,868	15,182	15,109	15,241	15,605	15,702	15,445	15,753	16,588	16,087	16,061	16,199
515	Farm-product raw materials	8,897	9,545	9,314	9,146	9,701	10,475	11,170	11,389	11,818	12,353	11,574	11,508
518	Beer, wine, & distilled beverages	3,052	2,990	3,078	2,939	3,193	3,396	3,040	3,031	3,037	2,960	3,049	3,019
519	Misc. nondurable goods	7,036	7,041	7,143	7,102	7,226	7,431	7,373	7,268	7,436	7,781	7,498	7,598
	Inventories, Total	127,460	127,173	127,099	126,976	125,809	125,081	125,834	126,749	128,026	128,637	129,210	130,445
50	Durable goods	84,365	83,350	82,814	82,269	81,656	81,315	81,476	81,774	82,754	82,844	83,320	84,481
501	Motor vehicles & auto. equip.	14,458	14,141	13,863	13,788	13,739	13,507	13,581	13,323	13,644	13,787	13,603	13,619
502	Furniture & home furnishings	2,541	2,536	2,505	2,515	2,474	2,516	2,560	2,548	2,612	2,515	2,564	2,594
505	Metals & minerals, ex. petroleum	10,901	10,939	10,613	10,206	9,969	9,890	9,661	9,725	9,975	9,699	9,722	9,627
506	Electrical goods	9,034	8,740	8,769	8,720	8,699	8,713	8,843	8,841	8,927	9,138	9,185	9,478
507	Hardware, plumbing & heating equipment	5,314	5,302	5,219	5,206	5,194	5,198	5,200	5,171	5,273	5,315	5,424	5,478
508	Machinery, equip. & supplies	31,377	31,127	31,177	30,971	30,660	30,497	30,316	30,176	30,537	30,728	30,954	31,698
51	Nondurable goods	43,095	43,823	44,285	44,707	44,153	43,766	44,358	44,975	45,272	45,793	45,890	45,964
511	Paper & paper products	2,322	2,302	2,329	2,317	2,382	2,394	2,389	2,508	2,590	2,593	2,705	2,714
514	Groceries & related products	8,173	8,127	8,219	8,230	8,412	8,268	8,376	8,737	8,646	8,671	8,920	8,946
515	Farm-product raw materials	6,483	6,781	6,973	6,843	7,037	6,795	7,567	8,089	8,284	8,615	8,008	7,609
518	Beer, wine, & distilled beverages	3,535	3,542	3,482	3,555	3,633	3,541	3,633	3,595	3,451	3,556	3,509	3,438
519	Misc. nondurable goods	7,810	7,796	7,662	7,663	7,546	7,620	7,577	7,482	7,591	7,607	7,631	7,793
	Stock/sales ratios, Total	1.34	1.35	1.34	1.35	1.30	1.24	1.24	1.24	1.23	1.21	1.22	1.21
50	Durable goods	2.03	2.08	2.05	2.05	1.96	1.85	1.84	1.84	1.84	1.78	1.78	1.76
501	Motor vehicles & auto. equip.	1.85	1.86	1.75	1.71	1.71	1.58	1.50	1.51	1.51	1.49	1.46	1.44
502	Furniture & home furnishings	1.67	1.71	1.59	1.60	1.53	1.56	1.63	1.53	1.54	1.40	1.43	1.44
505	Metals & minerals, ex. petroleum	2.59	2.97	2.79	2.65	2.52	2.37	2.18	2.24	2.27	2.11	2.06	1.91
506	Electrical goods	1.84	1.77	1.77	1.68	1.62	1.56	1.52	1.50	1.49	1.52	1.49	1.47
507	Hardware, plumbing & heating equipment	2.08	2.17	2.10	2.20	2.04	1.99	1.94	1.86	1.89	1.91	1.91	1.95
508	Machinery, equip. & supplies	2.61	2.74	2.77	2.86	2.70	2.56	2.61	2.54	2.54	2.52	2.50	2.53
51	Nondurable goods	.80	.81	.81	.83	.80	.77	.77	.77	.76	.76	.78	.76
511	Paper & paper products	.98	1.03	1.03	1.05	1.07	1.06	1.06	1.08	1.04	1.03	1.07	1.04
514	Groceries & related products	.55	.54	.54	.54	.54	.53	.54	.55	.52	.54	.56	.55
515	Farm-product raw materials	.73	.71	.75	.75	.73	.65	.68	.71	.70	.70	.69	.66
518	Beer, wine, & distilled beverages	1.16	1.18	1.13	1.21	1.14	1.04	1.20	1.19	1.14	1.20	1.15	1.14
519	Misc. nondurable goods	1.11	1.11	1.07	1.08	1.04	1.03	1.03	1.03	1.02	.98	1.02	1.03

Note: Cumulative seasonally adjusted sales estimates are not tabulated.

Table 2B. Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1988												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Sales, Total	118,752	124,987	142,148	131,787	136,044	141,242	130,726	142,673	140,996	145,332	142,234	140,848	1,637,569
50	Durable goods	54,944	59,327	69,184	66,378	67,242	70,060	64,030	69,460	70,060	72,339	70,364	68,644	802,032
501	Motor vehicles & auto. equip.	11,285	12,493	14,002	14,620	14,456	14,738	13,445	13,567	12,827	15,016	14,652	14,302	165,403
502	Furniture & home furnishings	1,947	2,178	2,298	2,135	2,124	2,276	2,073	2,404	2,377	2,621	2,541	2,335	27,309
503	Lumber & other construction mat.	3,971	4,448	5,527	5,773	5,727	5,698	5,453	5,774	5,522	5,598	4,909	4,443	62,843
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,479	1,643	1,767	1,665	1,546	1,775	1,693	2,031	2,155	2,274	2,358	2,253	22,639
505	Metals & minerals, ex. petroleum	5,304	5,384	6,855	5,969	5,668	6,347	5,681	6,267	6,879	6,095	6,103	5,969	72,521
506	Electrical goods	6,862	7,542	8,651	7,946	8,108	8,690	7,992	9,004	9,003	9,615	9,569	8,874	101,856
507	Hardware, plumbing & heating equipment	3,663	3,548	4,258	4,132	4,311	4,798	4,590	4,673	4,337	4,961	4,286	4,123	51,382
508	Machinery, equip. & supplies	14,711	15,716	18,601	17,360	17,905	18,429	16,769	19,135	19,722	19,093	18,793	19,255	215,489
509	Miscellaneous durable goods	5,722	6,375	7,225	6,778	7,397	7,309	6,334	6,605	7,238	7,366	7,151	7,090	82,590
51	Nondurable goods	63,808	65,660	72,964	65,409	68,802	71,182	66,696	73,213	70,936	72,993	71,870	72,004	835,537
511	Paper & paper products	3,946	4,047	4,600	4,029	4,072	4,496	4,173	4,706	4,689	4,625	4,551	4,443	52,377
512	Drugs, drug proprietaries and druggists' sundries	2,730	2,817	3,066	2,809	2,925	3,087	2,888	3,259	3,277	3,177	3,114	3,241	36,390
513	Apparel, piece goods & notions	3,456	4,174	4,244	3,398	3,707	4,404	4,342	5,242	4,663	4,651	4,542	3,228	50,051
514	Groceries & related products	19,006	18,705	19,698	16,364	20,087	20,300	19,676	20,904	19,807	20,578	21,361	21,780	240,266
515	Farm-product raw materials	10,015	9,696	10,956	9,093	10,482	10,499	9,487	10,512	10,901	13,300	11,316	11,084	127,841
516	Chemicals & allied products	2,135	2,333	2,708	2,727	2,866	3,072	2,647	2,828	2,744	2,625	2,605	2,345	31,635
517	Petroleum & petroleum products	12,187	12,408	13,876	11,371	11,686	11,903	11,588	12,420	11,874	11,274	11,556	12,314	144,457
518	Beer, wine, & distilled beverages	2,659	2,962	3,619	3,230	3,636	4,000	3,426	3,897	3,631	3,500	3,797	4,077	42,434
519	Misc. nondurable goods	7,674	8,518	10,197	9,888	9,341	9,421	8,469	9,445	9,350	9,263	9,028	9,492	110,086
	Inventories, Total	168,783	171,742	173,184	174,543	171,978	174,346	175,528	175,692	178,837	181,949	181,123	181,837	(X)
50	Durable goods	109,662	111,920	113,888	115,597	114,132	113,721	115,596	115,639	117,755	117,824	116,892	116,430	(X)
501	Motor vehicles & auto. equip.	21,646	22,681	22,747	22,078	21,845	21,345	21,359	21,237	23,125	22,425	22,759	22,968	(X)
502	Furniture & home furnishings	4,154	4,140	4,194	4,379	4,325	4,379	4,397	4,423	4,415	4,327	4,121	4,128	(X)
503	Lumber & other construction mat.	6,903	6,891	7,123	7,294	6,930	6,522	6,606	6,216	6,284	6,319	6,000	6,148	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	4,069	4,027	4,185	4,203	4,184	4,297	4,402	4,235	4,455	4,385	4,212	4,289	(X)
505	Metals & minerals, ex. petroleum	7,848	7,892	8,237	8,683	8,679	9,096	9,159	8,805	8,888	9,073	8,947	9,156	(X)
506	Electrical goods	13,171	13,380	13,565	13,705	13,742	13,792	14,000	14,186	14,126	14,351	14,146	14,340	(X)
507	Hardware, plumbing & heating equipment	6,862	6,840	7,018	7,113	6,984	6,944	7,183	7,258	7,176	7,224	6,921	6,875	(X)
508	Machinery, equip. & supplies	37,907	38,884	39,235	40,343	40,025	39,873	40,643	41,129	41,531	42,137	42,232	41,065	(X)
509	Miscellaneous durable goods	7,102	7,185	7,584	7,799	7,418	7,473	7,847	8,150	7,755	7,583	7,554	7,461	(X)
51	Nondurable goods	59,121	59,822	59,296	58,946	57,846	60,625	59,932	60,053	61,082	64,125	64,231	65,407	(X)
511	Paper & paper products	4,016	3,955	4,120	4,107	3,999	4,138	4,308	4,207	4,236	4,401	4,290	4,436	(X)
512	Drugs, drug proprietaries and druggists' sundries	5,214	5,114	5,068	5,361	5,001	5,058	5,206	5,252	5,287	5,319	5,161	5,651	(X)
513	Apparel, piece goods & notions	8,001	7,870	7,646	7,603	8,452	8,872	8,462	8,447	8,195	7,887	7,958	8,277	(X)
514	Groceries & related products	12,781	12,681	12,329	12,487	12,337	12,274	12,569	12,285	13,019	13,756	13,625	13,293	(X)
515	Farm-product raw materials	8,378	9,013	8,120	7,669	7,064	8,660	8,421	8,452	8,894	10,951	10,488	10,735	(X)
516	Chemicals & allied products	2,711	2,813	2,830	2,929	3,138	3,033	2,914	3,054	2,868	2,888	2,949	3,155	(X)
517	Petroleum & petroleum products	3,869	3,813	3,855	3,666	3,753	3,777	3,826	3,819	4,047	3,804	3,769	4,064	(X)
518	Beer, wine, & distilled beverages	3,869	4,070	4,142	4,211	4,011	4,092	4,071	4,077	4,146	4,450	4,377	3,859	(X)
519	Misc. nondurable goods	10,282	10,493	11,186	10,913	10,091	10,721	10,155	10,460	10,390	10,669	11,614	11,937	(X)
	Stock/sales ratios, Total	1.42	1.37	1.22	1.32	1.26	1.23	1.34	1.23	1.27	1.25	1.27	1.29	(X)
50	Durable goods	2.00	1.89	1.65	1.74	1.70	1.62	1.81	1.66	1.68	1.63	1.66	1.70	(X)
501	Motor vehicles & auto. equip.	1.92	1.82	1.62	1.51	1.51	1.45	1.59	1.57	1.80	1.49	1.55	1.61	(X)
502	Furniture & home furnishings	2.13	1.90	1.83	2.05	2.04	1.92	2.12	1.84	1.86	1.65	1.62	1.77	(X)
503	Lumber & other construction mat.	1.74	1.55	1.29	1.26	1.21	1.14	1.21	1.08	1.14	1.13	1.22	1.38	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.75	2.45	2.37	2.52	2.71	2.42	2.60	2.09	2.07	1.93	1.79	1.90	(X)
505	Metals & minerals, ex. petroleum	1.48	1.47	1.20	1.45	1.53	1.43	1.61	1.40	1.29	1.49	1.47	1.53	(X)
506	Electrical goods	1.92	1.77	1.57	1.72	1.69	1.59	1.75	1.58	1.57	1.49	1.48	1.62	(X)
507	Hardware, plumbing & heating equipment	1.87	1.93	1.65	1.72	1.62	1.45	1.56	1.55	1.65	1.55	1.61	1.67	(X)
508	Machinery, equip. & supplies	2.58	2.47	2.11	2.32	2.24	2.16	2.42	2.15	2.11	2.21	2.25	2.13	(X)
509	Miscellaneous durable goods	1.24	1.13	1.05	1.15	1.00	1.02	1.24	1.23	1.07	1.03	1.06	1.05	(X)
51	Nondurable goods	.93	.91	.81	.90	.84	.85	.90	.82	.86	.88	.89	.91	(X)
511	Paper & paper products	1.02	.98	.90	1.02	.98	.92	1.03	.89	.90	.95	.94	1.00	(X)
512	Drugs, drug proprietaries and druggists' sundries	1.91	1.82	1.65	1.91	1.71	1.64	1.80	1.61	1.61	1.67	1.66	1.74	(X)
513	Apparel, piece goods & notions	2.32	1.89	1.80	2.24	2.28	2.01	1.95	1.61	1.76	1.70	1.75	2.56	(X)
514	Groceries & related products	.67	.68	.63	.68	.61	.60	.64	.59	.66	.67	.64	.61	(X)
515	Farm-product raw materials	.84	.93	.74	.80	.67	.82	.89	.80	.82	.82	.93	.97	(X)
516	Chemicals & allied products	1.27	1.21	1.05	1.07	1.09	.99	1.10	1.08	1.05	1.10	1.13	1.35	(X)
517	Petroleum & petroleum products	.32	.31	.28	.32	.32	.32	.33	.31	.34	.34	.33	.33	(X)
518	Beer, wine, & distilled beverages	1.46	1.37	1.14	1.30	1.10	1.02	1.19	1.05	1.14	1.27	1.15	.95	(X)
519	Misc. nondurable goods	1.34	1.23	1.10	1.10	1.08	1.14	1.20	1.11	1.11	1.15	1.29	1.26	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2B. **Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and inventories in millions of dollars)

SIC code	Kind of business	1987												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Sales, Total	111,780	112,842	128,109	127,622	126,672	130,275	127,653	126,500	132,110	137,621	126,896	132,747	1,520,827
50	Durable goods	52,357	53,927	62,297	62,691	60,643	64,887	62,586	61,837	65,226	69,005	61,096	62,725	739,277
501	Motor vehicles & auto. equip.	11,097	11,512	13,358	13,040	13,078	13,363	12,683	12,398	12,220	14,294	12,670	13,509	153,222
502	Furniture & home furnishings	1,800	1,773	2,050	1,935	1,884	1,955	2,038	2,084	2,501	2,469	2,123	2,090	24,702
503	Lumber & other construction mat.	3,853	3,792	4,826	5,129	5,212	6,057	6,115	5,795	6,021	5,979	4,998	4,583	62,360
504	Sporting, recreational, photographic & hobby goods, toys & supplies	1,605	1,751	1,751	1,701	1,445	1,628	1,712	1,837	1,827	2,011	1,850	1,705	20,803
505	Metals & minerals, ex. petroleum	4,342	4,475	5,428	4,860	4,756	5,140	4,985	5,169	5,481	5,343	4,786	5,315	60,080
506	Electrical goods	7,151	7,446	8,100	7,731	7,591	8,130	8,187	8,312	8,524	8,857	8,085	7,917	96,031
507	Hardware, plumbing & heating equipment	3,223	3,311	3,827	3,908	3,750	4,330	4,141	4,026	4,357	4,514	4,033	4,052	47,472
508	Machinery, equip. & supplies	13,891	14,290	16,687	16,668	15,957	16,818	16,188	15,888	17,197	17,126	15,103	16,361	192,174
509	Miscellaneous durable goods	5,395	5,597	6,270	7,719	6,970	7,466	6,537	6,328	7,098	8,412	7,448	7,193	82,433
51	Nondurable goods	59,423	58,915	65,812	64,931	66,029	65,388	65,067	64,663	66,884	68,616	65,800	70,022	781,550
511	Paper & paper products	3,281	3,272	3,573	3,548	3,319	3,742	3,696	3,789	3,974	4,255	4,022	4,270	44,741
512	Drugs, drug proprietaries and druggists' sundries	2,689	2,583	2,747	2,764	2,683	2,815	2,749	2,630	2,892	2,806	2,675	2,922	32,955
513	Apparel, piece goods & notions	3,054	4,031	4,072	3,266	3,078	3,897	3,992	4,402	4,194	4,411	3,760	3,126	45,283
514	Groceries & related products	18,839	17,769	18,990	19,583	20,113	19,810	20,426	19,467	19,346	19,718	19,990	20,982	235,033
515	Farm-product raw materials	6,104	7,581	8,648	8,179	8,479	8,342	8,047	8,324	8,777	10,053	9,009	9,800	103,343
516	Chemicals & allied products	1,803	1,629	1,935	1,983	1,897	2,072	1,953	1,899	2,027	2,172	1,951	2,049	23,370
517	Petroleum & petroleum products	12,238	11,703	13,126	12,073	11,938	11,694	12,294	12,015	13,279	12,860	12,570	13,193	148,983
518	Beer, wine, & distilled beverages	2,732	2,838	3,368	3,589	3,722	3,826	3,768	3,560	3,564	3,630	3,467	4,254	42,318
519	Misc. nondurable goods	6,683	7,509	9,353	9,946	10,800	9,190	8,142	8,577	8,831	8,711	8,356	9,426	105,524
	Inventories, Total	154,972	155,493	156,276	156,484	157,255	158,425	157,211	154,651	158,624	163,892	164,406	165,819	(X)
50	Durable goods	100,789	100,944	102,775	103,587	105,611	105,703	105,052	103,382	104,729	107,150	106,314	107,257	(X)
501	Motor vehicles & auto. equip.	18,954	19,429	19,580	19,675	20,659	20,396	19,920	19,751	20,995	21,027	21,784	21,948	(X)
502	Furniture & home furnishings	3,515	3,556	3,629	3,745	3,972	3,975	4,093	4,034	4,165	4,062	4,027	4,011	(X)
503	Lumber & other construction mat.	5,000	5,123	5,464	5,687	5,864	5,974	6,043	5,740	5,937	5,899	5,779	6,091	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	3,990	4,057	4,154	4,068	4,080	4,164	4,526	4,436	4,431	4,378	4,132	3,973	(X)
505	Metals & minerals, ex. petroleum	7,371	7,068	7,168	7,179	7,274	7,461	7,107	6,771	6,858	7,149	7,056	7,583	(X)
506	Electrical goods	13,234	13,465	13,567	13,276	13,551	13,494	13,451	13,442	13,086	13,408	13,343	13,374	(X)
507	Hardware, plumbing & heating equipment	6,581	6,694	6,883	6,637	6,649	6,690	6,637	6,491	6,717	6,913	6,597	6,692	(X)
508	Machinery, equip. & supplies	35,363	34,707	35,211	35,596	35,019	35,354	35,206	34,892	34,809	36,524	35,624	36,064	(X)
509	Miscellaneous durable goods	6,781	6,845	7,119	7,724	8,543	8,195	8,069	7,825	7,731	7,790	7,972	7,521	(X)
51	Nondurable goods	54,183	54,549	53,501	52,897	51,644	52,722	52,159	51,269	53,895	56,742	58,092	58,562	(X)
511	Paper & paper products	3,598	3,585	3,599	3,593	3,553	3,565	3,573	3,495	3,540	3,771	3,750	3,850	(X)
512	Drugs, drug proprietaries and druggists' sundries	4,439	4,482	4,321	4,492	4,229	4,240	4,419	4,390	4,602	4,947	4,942	5,076	(X)
513	Apparel, piece goods & notions	7,326	7,306	7,190	7,087	7,576	8,038	7,909	7,892	8,023	7,564	7,662	7,989	(X)
514	Groceries & related products	11,922	12,126	11,679	11,774	11,956	12,129	12,538	12,038	12,720	13,130	13,409	13,185	(X)
515	Farm-product raw materials	8,030	7,457	6,743	6,640	5,765	5,803	5,416	5,230	5,982	7,668	8,172	8,136	(X)
516	Chemicals & allied products	2,134	2,304	2,256	2,343	2,435	2,408	2,353	2,446	2,345	2,389	2,454	2,508	(X)
517	Petroleum & petroleum products	4,093	3,615	3,656	3,414	3,435	3,534	3,818	3,513	3,746	3,776	3,762	3,751	(X)
518	Beer, wine, & distilled beverages	4,029	4,421	4,517	4,402	4,333	4,391	4,207	4,188	4,373	4,545	4,431	3,884	(X)
519	Misc. nondurable goods	8,612	9,253	9,540	9,152	8,362	8,614	7,926	8,077	8,564	8,952	9,510	10,183	(X)
	Stock/sales ratios, Total	1.39	1.38	1.22	1.23	1.24	1.22	1.23	1.22	1.20	1.19	1.30	1.25	(X)
50	Durable goods	1.93	1.87	1.65	1.65	1.74	1.63	1.68	1.67	1.61	1.55	1.74	1.71	(X)
501	Motor vehicles & auto. equip.	1.71	1.69	1.47	1.51	1.58	1.53	1.57	1.59	1.72	1.47	1.72	1.62	(X)
502	Furniture & home furnishings	1.95	2.01	1.77	1.94	2.11	2.03	2.01	1.94	1.67	1.65	1.90	1.92	(X)
503	Lumber & other construction mat.	1.30	1.35	1.13	1.11	1.13	99	99	99	99	99	1.16	1.33	(X)
504	Sporting, recreational, photographic & hobby goods, toys & supplies	2.49	2.34	2.37	2.39	2.82	2.56	2.64	2.41	2.43	2.18	2.23	2.33	(X)
505	Metals & minerals, ex. petroleum	1.70	1.58	1.32	1.48	1.53	1.45	1.43	1.31	1.25	1.34	1.47	1.43	(X)
506	Electrical goods	1.85	1.81	1.67	1.72	1.79	1.66	1.64	1.62	1.54	1.51	1.65	1.69	(X)
507	Hardware, plumbing & heating equipment	2.04	2.02	1.80	1.70	1.77	1.55	1.60	1.61	1.54	1.53	1.64	1.65	(X)
508	Machinery, equip. & supplies	2.55	2.43	2.11	2.14	2.19	2.10	2.17	2.20	2.02	2.13	2.36	2.20	(X)
509	Miscellaneous durable goods	1.26	1.22	1.14	1.00	1.23	1.10	1.23	1.24	1.09	93	1.07	1.05	(X)
51	Nondurable goods	91	93	81	81	78	81	80	79	81	83	88	84	(X)
511	Paper & paper products	1.10	1.10	1.01	1.01	1.07	95	97	92	89	89	93	90	(X)
512	Drugs, drug proprietaries and druggists' sundries	1.65	1.74	1.57	1.63	1.58	1.51	1.61	1.67	1.59	1.76	1.85	1.74	(X)
513	Apparel, piece goods & notions	2.40	1.81	1.77	2.17	2.46	2.06	1.98	1.79	1.51	1.71	2.04	2.56	(X)
514	Groceries & related products	63	68	62	60	59	61	61	62	66	67	67	63	(X)
515	Farm-product raw materials	99	98	78	81	68	70	67	63	68	76	91	83	(X)
516	Chemicals & allied products	1.18	1.41	1.17	1.18	1.28	1.16	1.20	1.29	1.16	1.10	1.26	1.22	(X)
517	Petroleum & petroleum products	33	31	28	28	29	30	31	29	28	29	30	28	(X)
518	Beer, wine, & distilled beverages	1.47	1.56	1.34	1.23	1.16	1.15	1.12	1.18	1.23	1.25	1.28	91	(X)
519	Misc. nondurable goods	1.29	1.23	1.02	92	77	94	97	94	97	1.03	1.14	1.08	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2B. **Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1986												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Sales, Total	113,082	103,390	115,002	116,990	116,020	115,501	116,270	112,870	119,877	126,180	114,370	122,761	1,392,313
50	Durable goods	52,016	48,978	55,089	58,349	57,186	57,824	57,689	55,554	59,821	63,761	55,672	59,238	681,177
501	Motor vehicles & auto. equip.	11,164	10,096	11,538	12,417	12,739	13,078	13,592	12,003	12,187	14,338	12,150	13,398	148,700
502	Furniture & home furnishings	1,680	1,650	1,784	1,923	1,957	2,048	1,943	1,976	2,243	2,290	1,849	1,893	23,236
503	Lumber & other construction mat.	3,789	3,545	3,959	4,649	4,902	4,759	4,947	4,850	4,879	5,300	4,379	4,246	54,203
505	Metals & minerals, ex. petroleum	4,448	4,195	4,435	4,326	4,132	4,313	4,264	4,087	4,494	4,641	3,963	4,292	51,590
506	Electrical goods	6,998	6,945	7,680	7,275	7,148	7,679	7,663	7,534	8,426	8,701	7,667	8,235	91,951
507	Hardware, plumbing & heating equipment	3,116	2,941	3,081	3,445	3,648	3,633	3,593	3,368	3,547	3,864	3,335	3,551	41,122
508	Machinery, equip. & supplies	13,458	12,961	14,746	15,567	14,688	14,669	14,533	14,210	14,899	15,337	14,116	16,214	175,398
509	Miscellaneous durable goods	5,854	5,203	6,263	7,023	6,255	6,098	5,601	5,900	7,261	7,094	6,227	5,519	74,298
51	Nondurable goods	61,066	54,412	59,913	58,641	58,834	57,677	58,581	57,316	60,056	62,419	58,698	63,523	711,136
511	Paper & paper products	3,223	2,903	3,126	3,195	3,091	3,159	3,153	3,282	3,197	3,465	3,063	3,388	38,245
512	Drugs, drug proprietaries and druggists' sundries	2,390	2,107	2,323	2,395	2,324	2,320	2,436	2,414	2,592	2,806	2,557	2,720	29,384
514	Groceries & related products	18,057	16,166	18,000	17,999	18,720	18,326	19,156	19,371	19,001	19,437	18,267	19,352	221,852
515	Farm-product raw materials	8,933	7,830	8,507	7,638	8,108	7,043	7,225	6,225	7,011	8,192	8,260	9,081	94,053
518	Beer, wine, & distilled beverages	2,646	2,570	3,127	3,242	3,586	3,628	3,655	3,627	3,338	3,628	3,407	4,191	40,645
519	Misc. nondurable goods	6,993	6,903	8,691	8,595	8,643	8,550	8,290	7,498	8,026	8,631	8,109	8,782	98,151
	Inventories, Total	148,463	149,182	150,444	150,508	148,739	150,235	150,916	150,875	153,107	154,443	154,371	153,571	(X)
50	Durable goods	95,465	96,990	98,111	99,382	99,734	100,604	101,422	101,726	102,880	102,247	102,308	100,212	(X)
501	Motor vehicles & auto. equip.	16,836	16,788	17,300	17,372	17,424	17,863	17,909	17,676	19,011	18,401	19,146	18,153	(X)
502	Furniture & home furnishings	3,233	3,089	3,088	3,020	3,041	2,926	2,895	3,148	3,294	3,059	3,043	3,380	(X)
505	Metals & minerals, ex. petroleum	8,001	7,938	7,566	7,582	7,592	7,676	7,536	7,177	7,161	7,077	6,916	7,298	(X)
506	Electrical goods	12,038	12,072	12,378	12,924	12,351	12,715	13,409	13,244	13,803	13,574	13,660	13,160	(X)
507	Hardware, plumbing & heating equipment	6,225	6,519	6,723	6,802	6,874	6,770	6,790	6,837	6,656	6,667	6,853	6,579	(X)
508	Machinery, equip. & supplies	34,421	35,271	35,766	36,075	36,611	36,609	36,715	37,071	36,237	36,618	36,671	34,701	(X)
51	Nondurable goods	52,998	52,192	52,333	51,126	49,005	49,631	49,494	49,150	50,227	52,196	52,063	53,359	(X)
511	Paper & paper products	3,377	3,397	3,427	3,409	3,362	3,402	3,400	3,432	3,327	3,299	3,435	3,577	(X)
514	Groceries & related products	11,129	11,509	11,519	11,600	11,458	11,693	11,500	11,405	11,654	12,355	12,571	12,280	(X)
515	Farm-product raw materials	9,516	8,700	8,350	7,555	5,981	6,139	5,901	5,697	5,991	7,221	7,300	7,370	(X)
518	Beer, wine, & distilled beverages	3,797	3,928	4,005	4,095	4,032	4,156	4,042	3,939	3,986	4,095	4,266	3,693	(X)
519	Misc. nondurable goods	8,515	8,671	8,940	8,690	8,090	7,763	7,611	7,660	8,089	8,346	7,926	8,711	(X)
	Stock/sales ratios, Total	1.31	1.44	1.31	1.29	1.28	1.30	1.30	1.34	1.28	1.22	1.35	1.25	(X)
50	Durable goods	1.84	1.98	1.78	1.70	1.74	1.74	1.76	1.83	1.72	1.60	1.84	1.69	(X)
501	Motor vehicles & auto. equip.	1.51	1.66	1.50	1.40	1.37	1.37	1.32	1.47	1.56	1.28	1.58	1.43	(X)
502	Furniture & home furnishings	1.92	1.87	1.73	1.57	1.55	1.43	1.54	1.59	1.47	1.34	1.65	1.79	(X)
505	Metals & minerals, ex. petroleum	1.80	1.89	1.71	1.75	1.83	1.78	1.77	1.76	1.59	1.52	1.75	1.70	(X)
506	Electrical goods	1.72	1.74	1.61	1.78	1.73	1.66	1.75	1.76	1.64	1.56	1.78	1.60	(X)
507	Hardware, plumbing & heating equipment	2.00	2.22	2.18	1.97	1.88	1.86	1.89	2.03	1.88	1.73	1.99	1.85	(X)
508	Machinery, equip. & supplies	2.56	2.72	2.43	2.32	2.49	2.50	2.53	2.61	2.43	2.39	2.60	2.14	(X)
51	Nondurable goods	87	96	87	87	83	86	84	86	84	84	89	84	(X)
511	Paper & paper products	1.05	1.17	1.10	1.07	1.09	1.08	1.08	1.05	1.04	98	1.12	1.06	(X)
514	Groceries & related products	62	71	64	64	61	64	60	59	61	64	69	64	(X)
515	Farm-product raw materials	1.07	1.11	98	99	74	87	82	92	85	88	89	81	(X)
518	Beer, wine, & distilled beverages	1.41	1.53	1.28	1.26	1.12	1.15	1.11	1.07	1.19	1.13	1.25	88	(X)
519	Misc. nondurable goods	1.23	1.26	1.03	97	93	91	92	1.02	1.01	97	97	99	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2B. **Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1985												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	
	Sales, Total	110,953	103,073	115,587	117,014	123,574	110,558	113,096	116,378	111,946	121,454	114,593	117,519	1,375,745
50	Durable goods	50,413	47,056	54,482	55,225	57,985	53,121	53,484	56,702	54,263	59,670	54,568	54,722	651,691
501	Motor vehicles & auto. equip.	10,745	9,558	11,197	11,465	12,681	11,564	11,583	11,624	10,229	12,411	11,659	11,504	136,220
502	Furniture & home furnishings	1,585	1,597	1,715	1,860	1,917	1,887	1,955	1,976	1,922	2,200	1,953	1,875	22,442
503	Lumber & other construction mat.	3,237	3,133	3,798	4,236	4,611	4,414	4,531	4,748	4,501	4,823	4,260	3,602	49,894
505	Metals & minerals, ex. petroleum	4,842	4,351	4,982	4,743	4,997	4,494	4,363	4,718	4,858	4,687	4,007	4,257	55,299
506	Electrical goods	7,084	6,724	7,363	6,919	7,039	7,132	7,290	7,498	7,805	8,559	7,918	8,022	89,353
507	Hardware, plumbing & heating equipment	3,099	2,983	3,061	3,418	3,488	3,180	3,219	3,329	3,111	3,626	3,373	3,131	39,018
508	Machinery, equip. & supplies	13,410	12,896	15,223	15,067	15,435	14,045	13,886	14,671	14,100	15,285	13,662	14,880	172,640
509	Miscellaneous durable goods	5,261	4,618	5,757	6,158	6,477	5,025	5,133	6,508	5,894	6,133	5,882	5,807	68,653
51	Nondurable goods	60,540	56,017	61,105	61,789	65,589	57,437	59,612	59,676	57,683	61,784	60,025	62,797	724,054
511	Paper & paper products	2,834	2,677	2,930	2,956	2,996	2,846	2,907	3,125	2,868	3,254	2,958	2,993	35,344
512	Drugs, drug proprietaries and druggists' sundries	2,199	1,965	2,118	2,262	2,221	2,060	2,216	2,237	2,237	2,450	2,174	2,254	26,393
514	Groceries & related products	16,900	15,795	17,089	17,012	18,428	16,902	17,899	17,635	16,822	17,970	17,495	17,780	207,727
515	Farm-product raw materials	11,171	9,393	9,562	9,102	10,151	7,528	6,940	7,065	6,442	7,859	9,193	9,302	103,708
518	Beer, wine, & distilled beverages	2,511	2,459	2,897	3,156	3,600	3,238	3,671	3,654	3,798	3,101	3,279	3,858	39,222
519	Misc. nondurable goods	6,824	6,730	8,197	8,733	9,673	8,013	8,249	8,109	7,726	7,599	6,508	8,388	94,749
	Inventories, Total	143,298	144,669	145,411	145,401	143,559	144,624	143,976	143,492	144,859	147,351	147,699	148,235	(X)
50	Durable goods	93,162	94,878	95,434	96,055	95,535	96,462	96,065	95,785	96,298	96,004	95,848	95,644	(X)
501	Motor vehicles & auto. equip.	15,873	16,216	16,239	16,591	16,240	16,798	16,154	15,810	16,785	16,703	16,441	17,103	(X)
502	Furniture & home furnishings	2,876	3,019	2,921	2,838	2,936	3,036	3,240	3,223	3,151	3,227	3,121	3,240	(X)
505	Metals & minerals, ex. petroleum	9,253	9,125	9,003	8,623	8,434	8,386	8,287	8,262	8,167	7,764	7,733	7,942	(X)
506	Electrical goods	12,423	12,579	12,569	13,015	12,823	13,014	13,198	13,144	13,136	12,975	12,593	12,307	(X)
507	Hardware, plumbing & heating equipment	6,256	6,415	6,648	6,918	6,975	6,616	6,678	6,469	6,323	6,321	6,307	6,157	(X)
508	Machinery, equip. & supplies	33,230	33,785	34,139	33,893	33,850	34,089	33,887	34,161	33,980	34,379	34,878	34,709	(X)
51	Nondurable goods	50,136	49,791	49,977	49,346	48,024	48,162	47,911	47,707	48,561	51,347	51,851	52,591	(X)
511	Paper & paper products	3,053	3,163	3,145	3,262	3,203	3,250	3,193	3,304	3,221	3,246	3,327	3,339	(X)
514	Groceries & related products	9,497	9,882	9,890	9,864	10,160	10,247	10,035	10,082	10,268	11,117	11,146	11,000	(X)
515	Farm-product raw materials	9,038	8,464	8,061	6,886	5,783	5,598	5,546	5,721	6,429	7,889	8,740	9,399	(X)
518	Beer, wine, & distilled beverages	3,492	3,490	3,700	3,877	3,846	4,026	3,914	3,932	3,942	4,204	4,174	3,632	(X)
519	Misc. nondurable goods	8,536	8,805	9,302	8,841	8,117	8,241	8,044	7,834	8,056	8,205	8,106	8,311	(X)
	Stock/sales ratios, Total	1.29	1.40	1.26	1.24	1.16	1.31	1.27	1.23	1.29	1.21	1.29	1.26	(X)
50	Durable goods	1.85	2.02	1.75	1.74	1.65	1.82	1.80	1.69	1.77	1.61	1.76	1.75	(X)
501	Motor vehicles & auto. equip.	1.48	1.70	1.45	1.45	1.28	1.45	1.39	1.36	1.64	1.35	1.41	1.49	(X)
502	Furniture & home furnishings	1.81	1.89	1.70	1.53	1.53	1.61	1.66	1.63	1.64	1.47	1.60	1.73	(X)
505	Metals & minerals, ex. petroleum	1.91	2.10	1.81	1.82	1.69	1.87	1.90	1.75	1.68	1.66	1.93	1.87	(X)
506	Electrical goods	1.75	1.87	1.71	1.88	1.82	1.82	1.81	1.75	1.68	1.52	1.59	1.53	(X)
507	Hardware, plumbing & heating equipment	2.02	2.15	2.17	2.02	2.00	2.08	2.07	1.94	2.03	1.74	1.87	1.97	(X)
508	Machinery, equip. & supplies	2.48	2.62	2.24	2.25	2.19	2.43	2.44	2.33	2.40	2.25	2.55	2.33	(X)
51	Nondurable goods	.83	.89	.82	.80	.73	.84	.80	.80	.84	.83	.86	.84	(X)
511	Paper & paper products	1.08	1.18	1.07	1.10	1.07	1.14	1.10	1.06	1.12	1.00	1.12	1.12	(X)
514	Groceries & related products	.56	.63	.58	.58	.55	.61	.56	.57	.61	.62	.64	.62	(X)
515	Farm-product raw materials	.81	.90	.84	.76	.57	.74	.80	.81	1.00	1.00	.95	1.01	(X)
518	Beer, wine, & distilled beverages	1.39	1.42	1.28	1.23	1.07	1.24	1.07	1.08	1.04	1.36	1.27	.94	(X)
519	Misc. nondurable goods	1.25	1.31	1.13	1.01	.84	1.03	.98	.97	1.04	1.08	1.25	.99	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2B. **Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1984												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Sales, Total	105,531	104,755	117,109	110,112	122,380	117,163	111,786	116,496	108,767	119,995	115,627	110,959	1,360,680
50	Durable goods	44,709	46,450	52,352	50,449	54,964	54,749	51,750	55,009	51,336	57,017	53,260	49,953	621,998
501	Motor vehicles & auto. equip.	9,328	9,112	10,348	10,118	11,337	11,330	9,943	10,196	9,542	11,248	10,586	10,346	123,434
502	Furniture & home furnishings	1,616	1,756	1,930	1,949	2,210	1,919	1,854	1,933	1,830	2,067	1,990	1,596	22,650
503	Lumber & other construction mat.	3,098	3,251	3,613	3,721	4,110	4,270	4,170	4,669	4,079	4,515	3,968	3,274	46,738
505	Metals & minerals, ex. petroleum	4,729	4,975	5,819	5,322	5,461	5,335	4,823	5,624	5,031	5,038	4,718	4,447	61,322
506	Electrical goods	5,829	6,193	6,975	6,567	7,007	7,307	7,218	7,779	7,877	8,817	7,961	7,621	87,151
507	Hardware, plumbing & heating equipment	2,633	2,647	2,913	2,914	3,117	3,203	3,285	3,354	2,995	3,283	3,080	2,900	36,324
508	Machinery, equip. & supplies	12,032	12,498	14,241	13,613	15,075	14,661	13,729	14,455	13,800	15,214	14,109	13,761	167,188
509	Miscellaneous durable goods	4,475	4,933	5,200	5,035	5,380	5,182	5,429	5,669	4,943	5,368	5,399	4,745	61,758
51	Nondurable goods	60,822	58,305	64,757	59,663	67,416	62,414	60,036	61,487	57,431	62,978	62,367	61,006	738,682
511	Paper & paper products	2,543	2,587	2,778	2,649	2,894	2,957	2,803	3,074	2,753	3,008	2,919	2,641	33,606
512	Drugs, drug proprietaries and druggists' sundries	1,804	1,767	1,901	1,879	1,944	1,892	1,724	1,901	1,940	2,131	2,028	2,008	22,919
514	Groceries & related products	15,837	15,992	17,150	16,713	18,224	17,086	16,795	17,742	16,473	17,317	16,877	16,879	203,085
515	Farm-product raw materials	12,558	11,130	12,592	10,032	13,089	10,237	9,978	10,012	9,153	10,535	12,064	11,778	133,158
518	Beer, wine, & distilled beverages	2,362	2,489	2,942	2,835	3,395	3,345	3,300	3,468	3,004	3,396	3,413	3,589	37,558
519	Misc. nondurable goods	7,178	6,932	8,252	8,337	10,137	9,076	7,620	7,873	6,957	7,925	7,626	7,521	95,434
	Inventories, Total	132,102	133,764	135,167	136,711	136,037	135,768	136,609	137,501	140,526	142,772	144,862	143,708	(X)
50	Durable goods	83,821	85,163	87,363	87,900	88,590	90,057	90,740	91,853	93,630	93,302	93,588	94,093	(X)
501	Motor vehicles & auto. equip.	13,530	13,888	14,053	14,061	13,756	13,758	13,908	14,056	15,855	15,427	15,568	15,960	(X)
502	Furniture & home furnishings	2,604	2,679	2,694	2,708	2,748	2,847	2,732	2,805	2,850	2,858	2,941	2,956	(X)
505	Metals & minerals, ex. petroleum	9,507	9,547	9,620	9,548	9,916	10,175	10,212	10,299	9,750	9,475	9,603	9,488	(X)
506	Electrical goods	9,600	9,635	9,980	10,474	10,849	11,184	11,755	12,034	12,461	12,502	12,467	12,570	(X)
507	Hardware, plumbing & heating equipment	5,330	5,531	5,692	5,824	5,840	5,697	5,883	5,970	5,969	6,000	6,078	6,036	(X)
508	Machinery, equip. & supplies	31,470	31,648	32,648	32,718	33,065	33,845	33,497	33,582	33,643	33,849	33,392	33,635	(X)
51	Nondurable goods	48,281	48,601	47,804	48,811	47,447	45,711	45,869	45,648	46,896	49,470	51,274	49,615	(X)
511	Paper & paper products	2,671	2,765	2,780	2,833	2,942	2,931	2,993	3,012	2,930	2,969	3,073	2,993	(X)
514	Groceries & related products	8,918	9,482	9,338	9,427	9,619	9,330	9,694	9,499	9,813	10,373	10,532	9,798	(X)
515	Farm-product raw materials	9,343	8,702	8,177	8,063	6,624	5,908	5,515	6,139	6,417	7,629	9,108	8,884	(X)
518	Beer, wine, & distilled beverages	3,183	3,307	3,555	3,587	3,417	3,497	3,632	3,444	3,612	3,831	3,830	3,343	(X)
519	Misc. nondurable goods	8,344	8,885	9,323	9,356	8,533	7,826	7,973	7,846	7,768	8,064	8,702	8,708	(X)
	Stock/sales ratios, Total	1.25	1.28	1.15	1.24	1.11	1.16	1.22	1.18	1.29	1.19	1.25	1.30	(X)
50	Durable goods	1.87	1.83	1.67	1.74	1.61	1.64	1.75	1.67	1.82	1.64	1.76	1.88	(X)
501	Motor vehicles & auto. equip.	1.45	1.52	1.36	1.39	1.21	1.21	1.40	1.38	1.66	1.37	1.47	1.54	(X)
502	Furniture & home furnishings	1.61	1.53	1.40	1.39	1.24	1.48	1.47	1.45	1.56	1.38	1.48	1.85	(X)
505	Metals & minerals, ex. petroleum	2.01	1.92	1.65	1.79	1.82	1.91	2.12	1.83	1.94	1.88	2.04	2.13	(X)
506	Electrical goods	1.65	1.56	1.43	1.59	1.55	1.53	1.63	1.55	1.58	1.42	1.57	1.65	(X)
507	Hardware, plumbing & heating equipment	2.02	2.09	1.95	2.00	1.87	1.78	1.79	1.78	1.99	1.83	1.97	2.08	(X)
508	Machinery, equip. & supplies	2.62	2.53	2.29	2.40	2.19	2.31	2.44	2.32	2.44	2.22	2.37	2.44	(X)
51	Nondurable goods	.79	.83	.74	.82	.70	.73	.76	.74	.82	.79	.82	.81	(X)
511	Paper & paper products	1.05	1.07	1.00	1.07	1.02	.99	1.07	.98	1.06	.99	1.05	1.13	(X)
514	Groceries & related products	.56	.59	.54	.56	.53	.55	.58	.54	.60	.60	.62	.58	(X)
515	Farm-product raw materials	.74	.78	.65	.80	.51	.58	.55	.61	.70	.72	.75	.75	(X)
518	Beer, wine, & distilled beverages	1.35	1.33	1.21	1.27	1.01	1.05	1.10	.99	1.20	1.13	1.12	.93	(X)
519	Misc. nondurable goods	1.16	1.28	1.13	1.12	.84	.86	1.05	1.00	1.12	1.02	1.14	1.16	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 2B. **Original Unadjusted Estimated Monthly Sales, Inventories, and Stock/Sales Ratios of Merchant Wholesalers: January 1983 Through December 1988**—Continued

(Data not adjusted for seasonal variation or trading-day differences. Sales and Inventories in millions of dollars)

SIC code	Kind of business	1983												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	Sales, Total	88,400	86,040	102,269	92,377	100,000	104,822	96,242	104,796	104,466	107,918	107,483	109,079	1,203,892
50	Durable goods	37,014	36,080	43,144	39,779	42,313	46,485	42,281	46,470	46,382	48,094	47,309	47,293	522,644
501	Motor vehicles & auto. equip.	7,159	6,915	8,641	8,180	8,311	9,227	8,783	8,918	8,572	9,460	9,395	9,421	102,982
502	Furniture & home furnishings	1,338	1,350	1,676	1,587	1,618	1,686	1,450	1,727	1,783	1,953	1,851	1,708	19,727
503	Lumber & other construction mat.	2,573	2,523	3,097	3,146	3,655	4,052	3,717	4,024	3,818	4,010	3,768	3,200	41,583
505	Metals & minerals, ex. petroleum	3,927	3,492	4,264	3,800	4,072	4,446	4,126	4,462	4,564	4,428	4,444	4,913	50,938
506	Electrical goods	4,353	4,452	5,115	4,856	5,190	5,793	5,687	6,161	6,380	6,360	6,447	6,661	67,455
507	Hardware, plumbing & heating equipment	2,305	2,136	2,508	2,364	2,586	2,767	2,698	3,008	2,899	2,907	2,854	2,646	31,678
508	Machinery, equip. & supplies	10,463	10,367	12,285	10,910	11,788	12,549	10,901	12,375	12,313	12,128	12,304	12,563	140,946
509	Miscellaneous durable goods	3,961	3,873	4,401	3,804	4,050	4,741	3,861	4,632	4,664	5,450	4,906	4,968	53,311
51	Nondurable goods	51,386	49,960	59,125	52,598	57,687	58,337	53,961	58,326	58,084	59,824	60,174	61,786	681,248
511	Paper & paper products	2,213	2,092	2,427	2,145	2,227	2,331	2,110	2,468	2,558	2,519	2,555	2,578	28,223
512	Drugs, drug proprietaries and druggists' sundries	1,526	1,440	1,685	1,561	1,610	1,756	1,565	1,780	1,815	1,794	1,785	1,784	20,101
514	Groceries & related products	14,110	13,907	15,744	14,906	15,995	16,409	15,244	16,289	16,671	15,974	16,109	16,248	187,606
515	Farm-product raw materials	9,244	9,173	10,767	8,606	10,555	9,888	9,338	10,501	10,494	12,402	12,766	12,785	126,519
518	Beer, wine, & distilled beverages	2,271	2,326	3,090	2,777	3,321	3,790	3,113	3,295	3,116	2,913	3,296	3,517	36,825
519	Misc. nondurable goods	6,079	6,055	7,843	7,294	8,715	8,130	6,958	7,246	7,220	7,602	7,161	7,514	87,797
	Inventories, Total	127,800	127,627	128,042	127,582	124,886	124,301	123,971	124,315	127,117	129,879	130,718	131,747	(X)
50	Durable goods	83,058	82,589	82,635	82,627	81,746	81,873	81,831	81,889	83,435	83,195	83,035	84,096	(X)
501	Motor vehicles & auto. equip.	14,429	14,141	13,946	13,912	13,574	13,439	13,309	12,883	13,835	13,994	13,793	13,823	(X)
502	Furniture & home furnishings	2,528	2,564	2,535	2,487	2,457	2,536	2,524	2,586	2,638	2,500	2,533	2,599	(X)
505	Metals & minerals, ex. petroleum	10,759	10,917	10,507	9,961	10,019	9,979	9,806	9,803	10,045	9,612	9,722	9,694	(X)
506	Electrical goods	8,745	8,460	8,576	8,650	8,621	8,791	9,055	9,009	9,171	9,385	9,249	9,355	(X)
507	Hardware, plumbing & heating equipment	5,229	5,281	5,302	5,414	5,313	5,214	5,273	5,187	5,210	5,200	5,326	5,292	(X)
508	Machinery, equip. & supplies	30,844	30,847	31,302	31,250	30,875	30,893	30,407	30,206	30,598	30,820	30,583	31,540	(X)
51	Nondurable goods	44,742	44,938	45,207	44,955	43,140	42,428	42,140	42,426	43,682	46,684	47,683	47,651	(X)
511	Paper & paper products	2,294	2,297	2,308	2,298	2,403	2,408	2,406	2,556	2,564	2,567	2,735	2,690	(X)
514	Groceries & related products	8,901	8,216	9,235	8,065	8,328	8,251	8,192	8,466	8,620	9,018	9,339	9,000	(X)
515	Farm-product raw materials	8,156	7,907	7,670	6,775	5,707	5,327	5,940	6,512	7,116	8,968	9,474	9,306	(X)
518	Beer, wine, & distilled beverages	3,337	3,354	3,444	3,598	3,669	3,640	3,724	3,584	3,441	3,776	3,748	3,139	(X)
519	Misc. nondurable goods	8,185	8,389	8,497	8,422	7,478	7,224	7,122	6,883	7,098	7,394	7,364	7,840	(X)
	Stock/sales ratios, Total	1.45	1.48	1.25	1.38	1.25	1.19	1.29	1.19	1.22	1.20	1.22	1.21	(X)
50	Durable goods	2.24	2.29	1.92	2.08	1.93	1.76	1.94	1.76	1.80	1.73	1.76	1.78	(X)
501	Motor vehicles & auto. equip.	2.02	2.04	1.61	1.70	1.63	1.46	1.52	1.44	1.61	1.48	1.47	1.47	(X)
502	Furniture & home furnishings	1.89	1.90	1.51	1.57	1.52	1.50	1.74	1.50	1.48	1.28	1.37	1.52	(X)
505	Metals & minerals, ex. petroleum	2.74	3.13	2.46	2.62	2.46	2.24	2.38	2.20	2.20	2.17	2.19	1.97	(X)
506	Electrical goods	2.01	1.90	1.68	1.78	1.66	1.52	1.59	1.46	1.44	1.48	1.43	1.40	(X)
507	Hardware, plumbing & heating equipment	2.27	2.47	2.11	2.29	2.05	1.88	1.95	1.72	1.80	1.80	1.87	2.00	(X)
508	Machinery, equip. & supplies	2.95	2.98	2.55	2.86	2.62	2.46	2.79	2.41	2.49	2.54	2.49	2.51	(X)
51	Nondurable goods	.87	.90	.76	.85	.75	.73	.78	.73	.75	.78	.79	.77	(X)
511	Paper & paper products	1.04	1.10	.95	1.07	1.08	1.03	1.14	1.04	1.00	1.02	1.07	1.04	(X)
514	Groceries & related products	.57	.59	.52	.54	.52	.50	.54	.52	.52	.56	.58	.55	(X)
515	Farm-product raw materials	.88	.86	.71	.79	.54	.54	.64	.62	.68	.72	.74	.73	(X)
518	Beer, wine, & distilled beverages	1.47	1.44	1.11	1.30	1.10	.96	1.20	1.09	1.10	1.30	1.14	.89	(X)
519	Misc. nondurable goods	1.35	1.39	1.06	1.15	.86	.89	1.03	.95	.98	.97	1.03	1.04	(X)

X Cumulative data are not applicable for inventories or stock/sales ratios.

Table 3. **Coefficients of Variation of Sales and Inventories**
(In percent)

SIC code	Kind of business	Sales		Inventories	
		Range	Median	Range	Median
	Merchant wholesalers, total	1.4-1.7	1.5	1.3-1.6	1.4
50	Durable goods	1.7-1.9	1.7	1.4-2.2	1.6
501	Motor vehicles & auto. equip.	4.2-5.5	5.1	6.3-6.9	6.6
502	Furniture & home furnishings	6.1-8.9	7.3	9.3-11.8	10.3
503	Lumber & other construction mat.	4.7-5.3	5.1	4.6-6.3	5.0
504	Sporting, recreational, photographic & hobby goods, toys & supplies	5.5-9.3	6.6	5.7-6.3	5.8
505	Metals & minerals, ex. petroleum	4.2-7.9	5.4	5.3-6.0	5.5
506	Electrical goods	2.6-3.8	3.0	3.3-3.9	3.4
507	Hardware, plumbing & heating equipment	7.9-9.6	8.5	4.8-10.2	7.5
508	Machinery, equip. & supplies	2.4-3.5	3.1	3.5-4.2	3.7
509	Miscellaneous durable goods	4.6-5.4	4.8	8.0-8.9	8.2
51	Nondurable goods	2.6-3.1	3.0	2.6-3.2	3.0
511	Paper & paper products	5.2-6.6	5.3	4.9-6.1	5.3
512	Drugs, drug proprietaries and druggists' sundries	4.7-6.7	6.0	6.1-7.3	6.8
513	Apparel, piece goods & notions	8.2-10.2	9.3	5.4-7.1	6.6
514	Groceries & related products	4.9-7.2	6.3	4.6-6.5	5.1
515	Farm-product raw materials	4.1-5.3	4.8	6.9-8.1	7.1
516	Chemicals & allied products	6.5-10.3	8.5	7.0-7.6	7.
517	Petroleum & petroleum products	5.4-6.7	6.4	4.9-8.5	6.
518	Beer, wine, & distilled beverages	2.6-3.7	3.0	3.9-4.6	4.
519	Misc. nondurable goods	4.5-6.1	5.0	7.6-8.8	8.

NOTE: Coefficients of variation of final monthly dollar estimates are based on data unadjusted for seasonal variations or trading-day differences. Th range and median coefficients of variation are based on data for July 1988 through December 1988.

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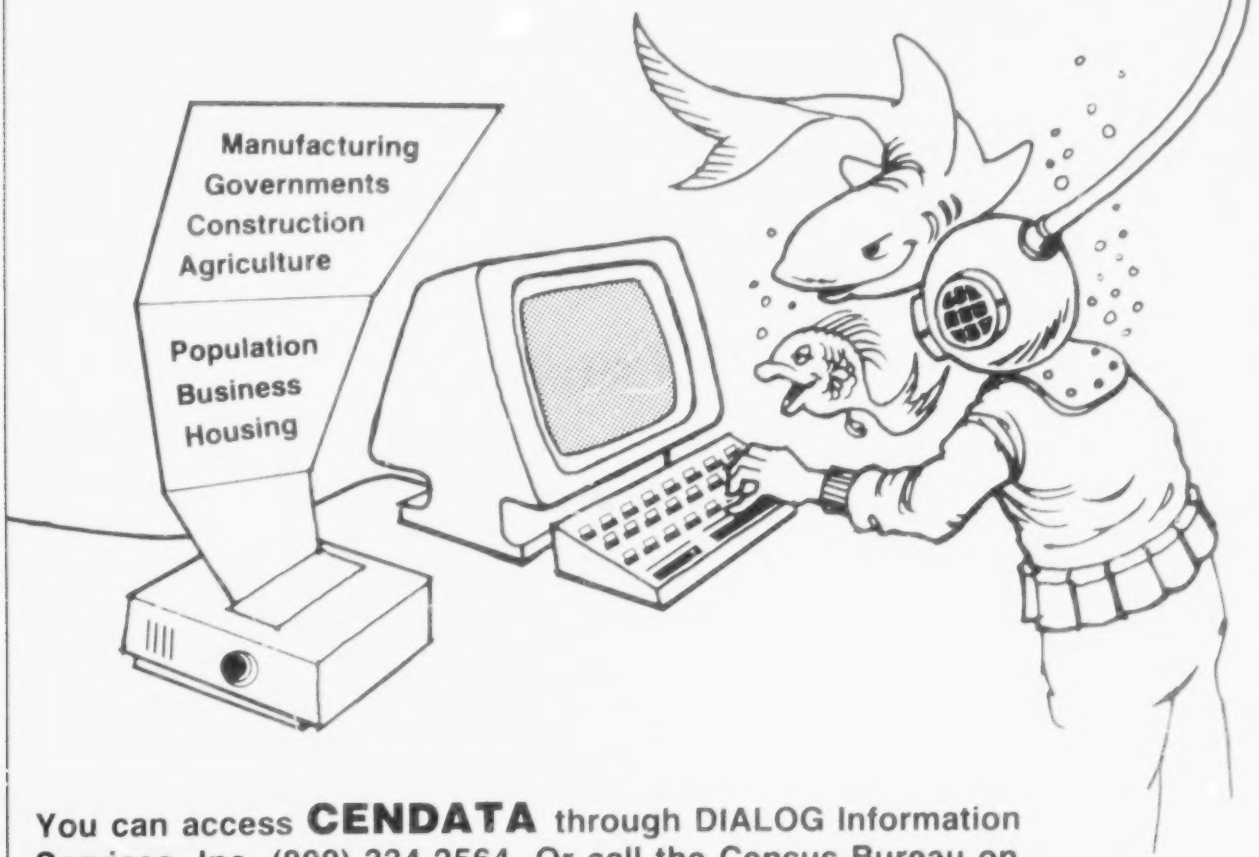

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